

***GUERNSEY COMPRESSOR STATION
CHARACTERIZATION REPORT***

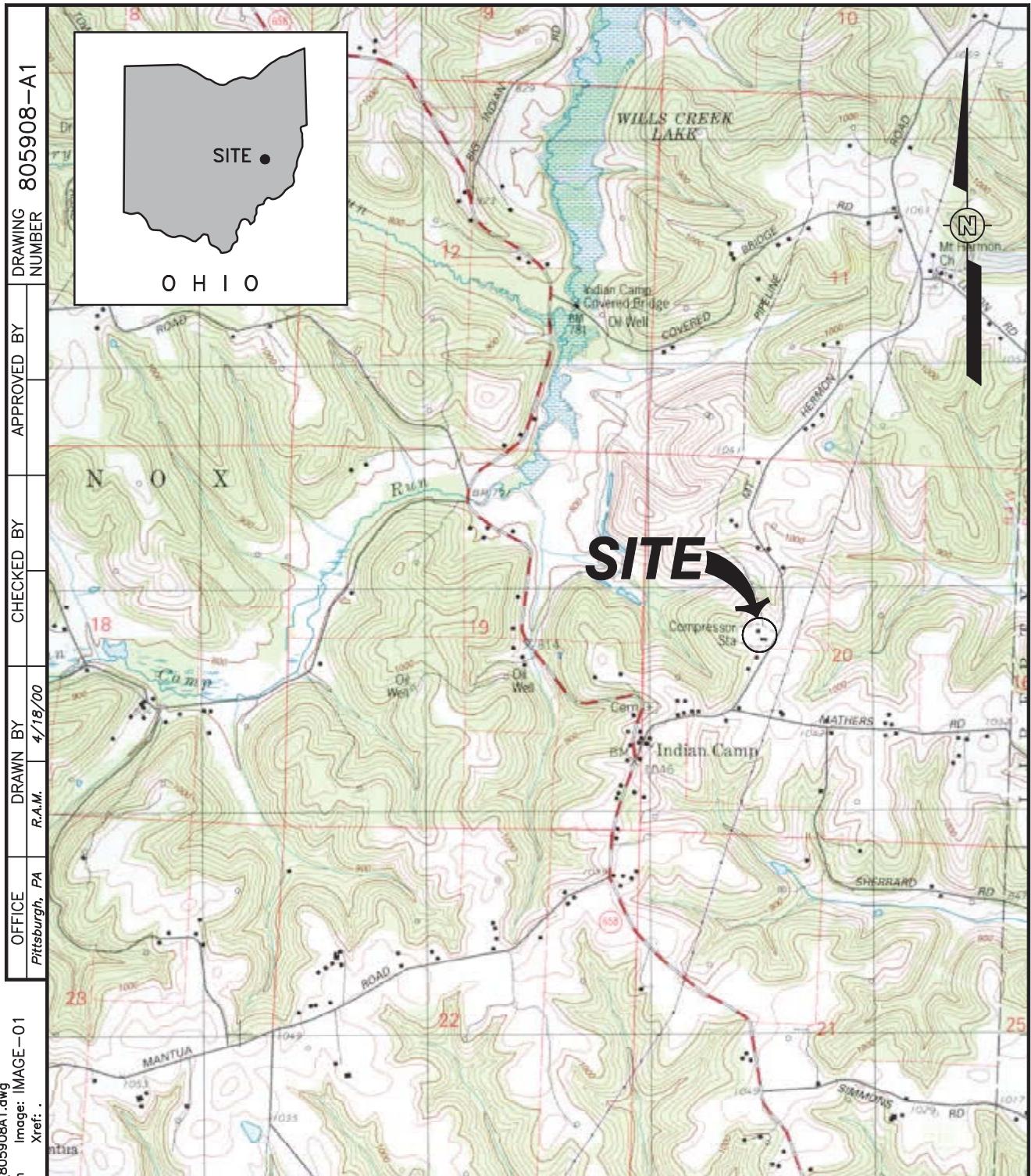
Knox Township, Guernsey County, Ohio

*26 July 2001
Revision I 30 August 2001*

Prepared for Columbia Gas Transmission Corporation

By:

*IT Corporation
Environmental Standards, Inc.*



2.0 ENVIRONMENTAL SETTING

2.1 *Physical Setting*

The site is situated on an approximate 2-acre parcel of land located in Knox Township in Guernsey County, Ohio. The site is approximately six miles north of Cambridge, Ohio. The topographic relief in the area of the site is moderate. Based on the USGS topographic map (Figure 1-1), the station is at the highest point in a tributary watershed of Wills Creek at an elevation of 1,060 feet above mean sea level (AMSL). Valleys and flood plains within one mile of the station reach less than 800 feet AMSL.

2.2 *Climate*

Temperature and precipitation data were recorded at Zanesville, Ohio during the period 1951 to 1986. In winter, the average temperature is 30 degrees Fahrenheit ($^{\circ}\text{F}$) and the average daily minimum temperature is $21\text{ }^{\circ}\text{F}$. In summer, the average temperature is $71\text{ }^{\circ}\text{F}$ and the average daily maximum temperature is $82\text{ }^{\circ}\text{F}$. Precipitation is favorably distributed during the warm part of the year. The average total annual precipitation is 37.0 inches (Muskingum County Soil Survey, 1996).

2.3 *Surface Water Hydrology*

The site is in the watershed of Wills Creek, which flows west to the Muskingum River. This river flows southeast to its confluence with the Ohio River at Marietta, Ohio.

There are no creeks or streams on or adjacent to the Guernsey Compressor Station property. The station is situated on a topographic high. Surface water drainage is generally towards the northwest and southwest across the facility property. A natural spring is located approximately 350 feet northwest of the operating portion of the facility.

2.4 *Geology and Soils*

The site lies near the contact between the Conemaugh Group and the underlying Allegheny Formation. Both of these units are Pennsylvanian age sedimentary rocks composed of shale, sandstone, limestone and coal. The average regional thickness of the Allegheny Formation is about 212 feet. (Figure 2-1, Site Geology Map).

A soil survey has not been completed for Guernsey County. The Soil Survey of Noble County, which is adjacent and to the south of Guernsey County, includes a description for Guernsey Series Soils. This series consists of deep, moderately well drained, moderately slow permeable or slowly permeable soils on the ridge tops and hillsides in the uplands. These soils formed in

LEGEND:

PALAEZOIC SYSTEMS
PERMAIN

Dunkard: Shales, sandstones and coal.

Monongahela: Coal, shales and sandstones.

Conemaugh: Shales, sandstones, coal and limestone.

Pottsville: Coal, sandstone, shales and limestone.

Waverly: Shales, sandstones and limestone.

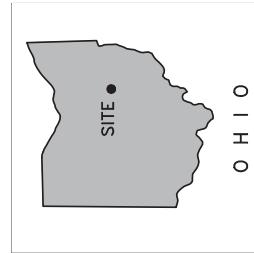


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PGH	R. Webb	12 MAY 99		805908-B7

APPROXIMATE SCALE
0 8 16 MILES



FIGURE 2-1
GEOLOGIC SITE MAP
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO



REFERENCE:
GEOLOGIC MAP OF OHIO, PROVIDED BY THE DEPARTMENT
OF NATURAL RESOURCES, A DIVISION OF GEOLOGICAL
SURVEY, A REPRINT OF 1981, SCALE: 1:50,000.

colluvium and in the underlying residuum derived from siltstone and shale and some limestone. Slopes range from 1 to 35 percent (Soil Survey of Noble County, Ohio, 1990). The drilling log for the site water well indicates that the soil overburden thickness on the site property is 7 feet.

2.5 Hydrogeology and Groundwater Quality

Groundwater occurs in the natural porosity of both the unconsolidated alluvium and consolidated bedrock. Porosity in alluvial sediments results from intergranular pore spaces (primary porosity). In consolidated rock, porosity is attributable to joints, fractures and bedding plane partings (secondary porosity).

Because the site is located on a hilltop, there is no alluvium in the immediate area. Indian Camp Run flows through a broad valley which suggests the presence of an alluvial aquifer capable of supplying wells.

Area water wells produce from bedrock. Their average depth is 90 feet. Well yields generally are less than 5 gallons per minute (gpm), although some wells north of the station deliver between 5 and 25 gpm. (Dames and Moore 1993).

Well records obtained from Banks Information Solutions, Inc. (Banks) indicated that there are six domestic wells located within a 0.5-mile radius of the site. The site water supply well is not listed on the report; however, one of the wells listed (Well #4) indicates the location as “next to Ohio Fuel Compressor Station”. Well #4 location appears incorrect on the map provided by Banks. The site water supply well is 260 feet deep and is constructed with 8-inch casing to 15.5 feet deep and open hole from 15.5 feet to the bottom. The six domestic wells located within 0.5 miles of the site are completed at depths ranging from 70 to 115 feet below ground surface (bgs). The three wells are constructed with casings extending to depths ranging from 6 to 25 feet bgs. A map showing the domestic well locations and construction details are provided in Appendix C (Banks).

An approximate groundwater flow direction is depicted on Figure 1-2 based on surface topography. The groundwater flow direction shown on the map is not based on the collection of field data, and thus, may not represent actual conditions.

2.6 Ecological Zones

The operational portion of the Guernsey compressor station is estimated to be approximately 2 acres. A level one ecological assessment (literature review) was performed for the site. This assessment included site information derived from site reconnaissance, previous site investigations, site information from Columbia personnel, and a review of the National Wetlands Inventory (NWI) Maps. In addition, Banks was subcontracted by

locations wet or saturated soils were identified at shallow intervals beneath gravel surface fill that is likely related to surface water drainage or shallow perched conditions.

4.3 Analytical Results for Investigative Samples

The following subsections present a summary of laboratory analytical methods and results contained in Table 4-2 (Summary of Methods Analyzed for Individual PRAs) and Table 4-3 (Summary of Analytical Results). For each medium, Table 4-3 lists only those constituents for which a valid positive detection was reported by the laboratory for at least one sample at the site. A comprehensive copy of the analytical report and the chain of custodies are contained in Appendix H (Comprehensive Copy of Analytical Results and Chain of Custody Records). Each source area includes a presentation of analytical results, discussion of the nature and extent of the site-related constituents encountered, if any, and a comparison of analytical results to the CALs. Analytical results above the residential CALs and background are presented in Figure 4-2 – Analytical Results Which Exceed CALs and/or Background – Site Area, Figure 4-3 – Analytical Results Which Exceed CALs and/or Background – North, Figure 4-4 – Analytical Results Which Exceed CALs and/or Background – South, and Figure 4-5 – Analytical Results Which Exceed CALs and/or Background - Central.

4.3.1 Background Sampling Analytical Results

Ten surface soil samples were collected (0.0-1.0 feet bgs) and five subsurface soil samples (2.0-3.0 feet bgs) were collected and submitted to the laboratory for Table 1 analyses.

One VOC constituent was detected in the background samples. Methylene Chloride was detected in seven of the background soil boring samples at concentrations ranging from 0.0062 mg/kg (GUR-ESS001-40001) to 0.011 mg/kg (GUR-ESS005-70001). Methylene Chloride is a common laboratory introduced contaminant and the detections likely do not represent actual soil background levels. Therefore no background concentration is calculated for methylene chloride.

Nine PAH constituents were detected in the background soil samples. The nine PAH constituents were detected in one surface soil sample (GUR-ESS001-40001). One PAH constituent (Benzo(a)pyrene) was detected above the CAL at a concentration of 0.43 mg/kg. Only one PAH constituent (Fluoranthene) was detected in another surface soil sample (GUR-ESS005-40001). The source of these PAHs does not appear to be related to site operations and is likely from Mt. Hermon Road. PAHs were not detected at the remaining background soil samples.

Table 1 Metal constituents, with the exception of Arsenic, were detected below the CALs. Arsenic was detected above the CAL (0.43 mg/kg) in nine of the fifteen background samples. The highest Arsenic concentration (9.4 mg/kg) was detected at GUR-ESB004-70001.

Table 4-3
Summary of Analytical Results

PRA	0	BACKGROUND			
PRA Description	Sample Type	Normal Sample			
	Sample Id	GUR-ESB001-70001	GUR-ESB001-70002	GUR-ESB002-70001	
	Depth - ft bgs	0 - 1	2 - 3	0 - 1	
	Collected Date	05/31/00	05/31/00	05/31/00	
	Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
	Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
	Result Units	MG/KG	MG/KG	MG/KG	
	Category	Analyte	Action Level	> CAL*	Result Flag
VOA	BENZENE		12	ND	ND
	TOLUENE		16000	ND	ND
	ETHYLBENZENE		7800	ND	ND
	XYLENE (TOTAL)		160000	ND	ND
	METHYLENE CHLORIDE		85	0.007	0.007
BNA	NAPHTHALENE		1600	ND	ND
	ACENAPHTHENE		4700	ND	ND
	FLUORENE		3100	ND	ND
	PHENANTHRENE		23000	ND	ND
	ANTHRACENE		23000	ND	ND
	FLUORANTHENE		3100	ND	ND
	PYRENE		2300	ND	ND
	BENZO(A)ANTHRACENE		.87	ND	ND
	BENZO(B)FLUORANTHENE		.87	ND	ND
	CHRYSENE		.87	ND	ND
	BENZO(K)FLUORANTHENE		8.7	ND	ND
	BENZO(A)PYRENE		.087	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	0	BACKGROUND			
PRA Description	Sample Type	Normal Sample		GUR-ESB001-70002	
Sample Id	GUR-ESB001-70001	GUR-ESB001-70002		GUR-ESB002-70001	
Depth - ft bgs	0 - 1	2 - 3		0 - 1	
Collected Date	05/31/00	05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE	.087	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	2300	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	.87	ND	ND	ND	ND
P/PCB	AROCLOL-1254	1	ND	ND	ND
METAL	BARIUM, TOTAL	5500	30.1	29.6	98.3
	BERYLLIUM, TOTAL	160	2.3	3.3	5.5
	CADMIUM, TOTAL	39	ND	ND	ND
	CHROMIUM, TOTAL	230	9.0	10.	16.5
	LEAD, TOTAL	400	ND	ND	ND
	NICKEL, TOTAL	1600	ND	13.3	18.1
	SILVER, TOTAL	390	ND	ND	ND
	MERCURY, TOTAL	20	ND	ND	ND
	ARSENIC, TOTAL	.43	ND	ND	6.2 X

Notes:

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J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3 Summary of Analytical Results

PRA Description						
Sample Type		GUR-ESB002-70002		GUR-ESB003-70001		GUR-ESB003-70002
Sample Id	GUR-ESB002-70002	Action Level	0 - 1	Action Level	0 - 1	2 - 3
Depth - ft bgs	2 - 3	Collected Date	05/31/00	Collected Date	05/31/00	05/31/00
Laboratory	SPL Laboratories, Inc.	Sample Collector	IT Corporation (Fluor Daniel/GTI)	Sample Collector	IT Corporation (Fluor Daniel/GTI)	SPL Laboratories, Inc.
Result Units	MG/KG	Result Units	MG/KG	Result Units	MG/KG	Result Units
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYL BENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	0.007	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	ND
	PYRENE	2300	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND

Notes.

** > CAI " equals "X" when reported value is above characterization action level for this locale.

II flag - Numerical value is an estimated quantity

ND indicates Non-Detect.

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Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB002-70002		GUR-ESB003-70001		GUR-ESB003-70002	
Depth - ft bgs	2 - 3		0 - 1		2 - 3	
Collected Date	05/31/00		05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND
P/PCB	AROCLOL-1254	1	ND	ND	ND	ND
METAL	BARIUM, TOTAL	5500	56.1	71.1	43.7	
	BERYLLIUM, TOTAL	160	9.2	3.0	4.5	
	CADMIUM, TOTAL	39	ND	ND	ND	
	CHROMIUM, TOTAL	230	18.8	9.5	9.2	
	LEAD, TOTAL	400	ND	ND	ND	
	NICKEL, TOTAL	1600	24.7	11.9	14.3	
	SILVER, TOTAL	390	ND	ND	ND	
	MERCURY, TOTAL	20	ND	ND	ND	
	ARSENIC, TOTAL	.43	ND	ND	ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3 Summary of Analytical Results

PRA Description						
Sample Type		GUR-ESB004-70002		GUR-ESB005-70001		
Sample Id	GUR-ESB004-70001	2 - 3	0 - 1			
Depth - ft bgs	0 - 1					
Collected Date	05/31/00	05/31/00	05/31/00			
Laboratory	SPL Laboratories, Inc.			SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)					
Result Units	MG/KG	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND	ND
	TOLUENE	16000	ND		ND	ND
	ETHYL BENZENE	7800	ND		ND	ND
	XYLENE (TOTAL)	160000	ND		ND	ND
	METHYLENE CHLORIDE	85	ND		0.010	ND
BNA	NAPHTHALENE	1600	ND		ND	ND
	ACENAPHTHENE	4700	ND		ND	ND
	FLUORENE	3100	ND		ND	ND
	PHENANTHRENE	23000	ND		ND	ND
	ANTHRACENE	23000	ND		ND	ND
	FLUORANTHENE	3100	ND		ND	ND
	PYRENE	2300	ND		ND	ND
	BENZO(A)ANTHRACENE	.87	ND		ND	ND
	BENZO(B)FLUORANTHENE	.87	ND		ND	ND
	CHRYSENE	.87	ND		ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND		ND	ND
	BENZO(A)PYRENE	.087	ND		ND	ND

Notes:

** " > CAF " equals " X " when reported value is above characterization action level for this locale.

II flag - Numerical value is an estimated quantity

ND indicates Non-Detect.

Date generated: January 09 2001

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB004-70001		GUR-ESB004-70002		GUR-ESB005-70001	
Depth - ft bgs	0 - 1		2 - 3		0 - 1	
Collected Date	05/31/00		05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND
P/PCB	AROCLOL-1254	1	ND	ND	ND	ND
METAL	BARIUM, TOTAL	5500	90.2	54.0	125	
	BERYLLIUM, TOTAL	160	6.6	4.9	4.3	
	CADMIUM, TOTAL	39	ND	ND	ND	
	CHROMIUM, TOTAL	230	20.3	14.8	12.1	
	LEAD, TOTAL	400	ND	ND	ND	
	NICKEL, TOTAL	1600	19.0	12.6	ND	
	SILVER, TOTAL	390	ND	ND	ND	
	MERCURY, TOTAL	20	ND	ND	ND	
	ARSENIC, TOTAL	.43	9.4	X	5.3	X

Notes:

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J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3 Summary of Analytical Results

PRA							
PRA Description							
Sample Type		GUR-ESS001-40001			GUR-ESS002-40001		
Sample Id	GUR-ESS005-700002	GUR-ESS001-40001			GUR-ESS002-40001		
Depth - ft bgs	2 - 3	0 - 1			0 - 1		
Collected Date	05/31/00	05/30/00			05/30/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.			SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)			IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG			MG/KG		
Category		Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE		12	ND		ND	
	TOLUENE		16000	ND		ND	
	ETHYLBENZENE		7800	ND		ND	
	XYLENE (TOTAL)		160000	ND		ND	
	METHYLENE CHLORIDE		85	ND		0.006	
	NAPHTHALENE		1600	ND		ND	
BNA	ACENAPHTHENE		4700	ND		ND	
	FLUORENE		3100	ND		ND	
	PHENANTHRENE		23000	ND		0.57	
	ANTHRACENE		23000	ND		ND	
	FLUORANTHENE		3100	ND		1.1	
	PYRENE		2300	ND		0.81	
	BENZO(A)ANTHRACENE	.87	ND		0.42		ND
	BENZO(B)FLUORANTHENE	.87	ND		0.48		ND
	CHRYSENE	87	ND		0.48		ND
	BENZO(K)FLUORANTHENE	8.7	ND		ND		ND
	BENZO(A)PYRENE	.087	ND		0.43	X	ND

Notes

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II flag : Numerical value is an estimated quantity

mag - numerical value is an estimated quantity.

Date generated: January 09 2001

Table 4-3
Summary of Analytical Results

PRA			
PRA Description			
Sample Type			
Sample Id	GUR-ESB005-70002	GUR-ESS001-40001	GUR-ESS002-40001
Depth - ft bgs	2 - 3	0 - 1	0 - 1
Collected Date	05/31/00	05/30/00	05/30/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel)/GTI	IT Corporation (Fluor Daniel)/GTI	IT Corporation (Fluor Daniel)/GTI
Result Units	MG/KG	MG/KG	MG/KG
Category	Analyte	Action Level	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND	ND
BENZO(G,H,I)PERYLENE	2300	ND	0.41
INDENO(1,2,3-CD)PYRENE	.87	ND	0.48
AROCLOR-1254	1	ND	ND
METAL	BARIUM, TOTAL	5500	42.1
	BERYLLIUM, TOTAL	160	5.3
P/PCB	CADMUM, TOTAL	39	ND
	CHROMIUM, TOTAL	230	17.6
	LEAD, TOTAL	400	ND
NICKEL, TOTAL	1600	14.3	12.3
SILVER, TOTAL	390	ND	ND
MERCURY, TOTAL	20	ND	ND
ARSENIC, TOTAL	.43	3.5	X
			X
			X

Notes:

* "CAL" equals "X" when reported value is above characterization action level for this locale.

ND indicates Non-Detect.

ND indicates Non-Detect.

GUERNSEY CS Characterization Work Plan Program Sites

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESS003-40001		GUR-ESS004-40001		GUR-ESS005-70001	
Depth - ft bgs	0 - 1		0 - 1		0 - 1	
Collected Date	05/30/00		05/30/00		05/30/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	ND	ND	ND	0.011
BNA	NAPHTHALENE	1600	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	0.43
	PYRENE	2300	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND

Notes:

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Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESS003-40001		GUR-ESS004-40001		GUR-ESS005-70001	
Depth - ft bgs	0 - 1		0 - 1		0 - 1	
Collected Date	05/30/00		05/30/00		05/30/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND
P/PCB	AROCLOL-1254	1	ND	ND	ND	ND
METAL	BARIUM, TOTAL	5500	145	102	68.1	
	BERYLLIUM, TOTAL	160	6.5	8.4	4.3	
	CADMIUM, TOTAL	39	ND	ND	ND	
	CHROMIUM, TOTAL	230	19.7	23.6	13.5	
	LEAD, TOTAL	400	ND	ND	ND	
	NICKEL, TOTAL	1600	21.1	19.3	ND	
	SILVER, TOTAL	390	ND	ND	ND	
	MERCURY, TOTAL	20	ND	ND	ND	
	ARSENIC, TOTAL	.43	5.9	X	6.5	X
					3.9	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description	RANDOM PCB					
Sample Type	Normal Sample					
Sample Id	GUR-ESS006-40001			GUR-ESS007-40001		GUR-ESS008-40001
Depth - ft bgs	0 - 1			0 - 1		0 - 1
Collected Date	05/30/00			05/30/00		05/30/00
Laboratory	SPL Laboratories, Inc.			SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)			IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG			MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12				
	TOLUENE	16000				
	ETHYLBENZENE	7800				
	XYLENE (TOTAL)	160000				
	METHYLENE CHLORIDE	85				
BNA	NAPHTHALENE	1600				
	ACENAPHTHENE	4700				
	FLUORENE	3100				
	PHENANTHRENE	23000				
	ANTHRACENE	23000				
	FLUORANTHENE	3100				
	PYRENE	2300				
	BENZO(A)ANTHRACENE	.87				
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: January 09, 2001

Table 4-3
Summary of Analytical Results

PRA							
PRA Description	RANDOM PCB						
Sample Type	Normal Sample						
Sample Id	GUR-ESS006-40001		GUR-ESS007-40001		GUR-ESS008-40001		
Depth - ft bgs	0 - 1		0 - 1		0 - 1		
Collected Date	05/30/00		05/30/00		05/30/00		
Laboratory	SPL Laboratories, Inc.						
Sample Collector	IT Corporation (Fluor Daniel/GTI) IT Corporation (Fluor Daniel/GTI) IT Corporation (Fluor Daniel/GTI)						
Result Units	MG/KG						
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag		
	DIBENZO(A,H)ANTHRACENE	.087					
	BENZO(G,H,I)PERYLENE	2300					
	INDENO(1,2,3-CD)PYRENE	.87					
P/PCB	AROCLOL-1254	1	ND	ND	ND		
METAL	BARIUM, TOTAL	5500					
	BERYLLIUM, TOTAL	160					
	CADMIUM, TOTAL	39					
	CHROMIUM, TOTAL	230					
	LEAD, TOTAL	400					
	NICKEL, TOTAL	1600					
	SILVER, TOTAL	390					
	MERCURY, TOTAL	20					
	ARSENIC, TOTAL	.43					

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	1
PRA Description	THREE PIPELINE LIQUIDS ATS
Sample Type	Normal Sample
Sample Id	GUR-ESS029-40001
Depth - ft bgs	0 - 1
Collected Date	05/30/00
Laboratory	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI) IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG
Category	Analyte
	Action Level
VOA	BENZENE
	12
	TOULENE
	16000
	ETHYLBENZENE
	7800
	XYLENE (TOTAL)
	160000
	METHYLENE CHLORIDE
	85
BNA	NAPHTHALENE
	1600
	ACENAPHTHENE
	4700
	FLUORENE
	3100
	PHENANTHRENE
	23000
	ANTHRACENE
	23000
	FLUORANTHENE
	3100
	PYRENE
	2300
	BENZO(A)ANTHRACENE
	.87
	BENZO(B)FLUORANTHENE
	.87
	CHRYSENE
	87
	BENZO(K)FLUORANTHENE
	8.7
	BENZO(A)PYRENE
	.087

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	1	THREE PIPELINE LIQUIDS ATS							
PRA Description	Normal Sample								
Sample Type	GUR-ESB006-70002								
Sample Id	GUR-ESS029-40001	GUR-ESB006-70001	GUR-ESB006-70002						
Depth - ft bgs	0 - 1	0 - 1	2 - 2.5						
Collected Date	05/30/00	05/31/00	05/31/00						
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.						
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)						
Result Units	MG/KG	MG/KG	MG/KG						
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag				
DIBENZO(A,H)ANTHRACENE	.087								
BENZO(G,H,I)PERYLENE	2300								
INDENO(1,2,3-CD)PYRENE	.87								
P/PCB	AROCLOL-1254	1	ND	ND	ND				
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		2		
PRA Description	NEW OIL AT			
Sample Type	Normal Sample			
Sample Id	GUR-ESB006-70003	GUR-ESB007-70001	GUR-ESB007-70002	
Depth - ft bgs	3.5 - 4	0 - 1	2 - 2.5	
Collected Date	05/31/00	05/31/00	05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag
VOA	BENZENE	12	ND	ND
	TOLUENE	16000	ND	ND
	ETHYLBENZENE	7800	ND	ND
	XYLENE (TOTAL)	160000	ND	ND
	METHYLENE CHLORIDE	85		
BNA	NAPHTHALENE	1600		ND
	ACENAPHTHENE	4700		ND
	FLUORENE	3100		ND
	PHENANTHRENE	23000		ND
	ANTHRACENE	23000		ND
	FLUORANTHENE	3100		ND
	PYRENE	2300		ND
	BENZO(A)ANTHRACENE	.87		ND
	BENZO(B)FLUORANTHENE	.87		ND
	CHRYSENE	.87		ND
	BENZO(K)FLUORANTHENE	8.7		ND
	BENZO(A)PYRENE	.087		ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		2		
PRA Description		NEW OIL AT		
Sample Type		Normal Sample		
Sample Id	GUR-ESB006-70003	GUR-ESB007-70001	GUR-ESB007-70002	
Depth - ft bgs	3.5 - 4	0 - 1	2 - 2.5	
Collected Date	05/31/00	05/31/00	05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE		.087		ND
BENZO(G,H,I)PERYLENE		2300		ND
INDENO(1,2,3-CD)PYRENE		.87		ND
P/PCB	AROCLOL-1254	1	ND	> CAL*
METAL	BARIUM, TOTAL	5500		Result Flag
	BERYLLIUM, TOTAL	160		ND
	CADMIUM, TOTAL	39		ND
	CHROMIUM, TOTAL	230		ND
	LEAD, TOTAL	400		ND
	NICKEL, TOTAL	1600		
	SILVER, TOTAL	390		
	MERCURY, TOTAL	20		
	ARSENIC, TOTAL	.43		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	3	BASEMENT WATER STORAGE AT				
PRA Description		Field Duplicate (Rep)		Normal Sample		
Sample Type		GUR-ESB008-70003	GUR-ESB008-70001			
Sample Id	GUR-ESB007-70003					
Depth - ft bgs	3.5 - 4	3.5 - 4		0 - 1		
Collected Date	05/31/00	05/31/00		05/31/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG		MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND	ND
	TOLUENE	16000	ND		ND	ND
	ETHYLBENZENE	7800	ND		ND	ND
	XYLENE (TOTAL)	160000	ND		ND	ND
	METHYLENE CHLORIDE	85			ND	0.12
BNA	NAPHTHALENE	1600	ND		ND	ND
	ACENAPHTHENE	4700	ND		ND	ND
	FLUORENE	3100	ND		ND	ND
	PHENANTHRENE	23000	ND		ND	ND
	ANTHRACENE	23000	ND		ND	ND
	FLUORANTHENE	3100	ND		ND	ND
	PYRENE	2300	ND		ND	ND
	BENZO(A)ANTHRACENE	.87	ND		ND	ND
	BENZO(B)FLUORANTHENE	.87	ND		ND	ND
	CHRYSENE	.87	ND		ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND		ND	ND
	BENZO(A)PYRENE	.087	ND		ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	3	BASEMENT WATER STORAGE AT			
PRA Description		Field Duplicate (Rep)			
Sample Type		GUR-ESB008-70003	GUR-ESB008-70001	Normal Sample	
Sample Id	GUR-ESB007-70003			GUR-ESB008-70001	
Depth - ft bgs	3.5 - 4	3.5 - 4		0 - 1	
Collected Date	05/31/00	05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND	ND
BENZO(G,H,I)PERYLENE	2300	ND		ND	ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND	ND
P/PCB	AROCLOL-1254	1		ND	ND
METAL	BARIUM, TOTAL	5500		85.0	81.6
	BERYLLIUM, TOTAL	160		ND	ND
	CADMIUM, TOTAL	39		ND	ND
	CHROMIUM, TOTAL	230		23.1	21.2
	LEAD, TOTAL	400		ND	ND
	NICKEL, TOTAL	1600		29.1	18.2
	SILVER, TOTAL	390		3.5	4.4
	MERCURY, TOTAL	20		ND	ND
	ARSENIC, TOTAL	.43		ND	6.1 X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		4		AIR RECEIVER TANK	
PRA Description				Normal Sample	
Sample Type					
Sample Id	GUR-ESB008-70002	GUR-ESB008-70003		GUR-ESS009-40001	
Depth - ft bgs	2 - 2.5	3.5 - 4		0 - 1	
Collected Date	05/31/00	05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	
	TOLUENE	16000	ND	ND	
	ETHYLBENZENE	7800	ND	ND	
	XYLENE (TOTAL)	160000	ND	ND	
	METHYLENE CHLORIDE	85	0.040	0.078 J	
BNA	NAPHTHALENE	1600	ND	ND	
	ACENAPHTHENE	4700	ND	ND	
	FLUORENE	3100	ND	ND	
	PHENANTHRENE	23000	ND	ND	
	ANTHRACENE	23000	ND	ND	
	FLUORANTHENE	3100	ND	ND	
	PYRENE	2300	ND	ND	
	BENZO(A)ANTHRACENE	.87	ND	ND	
	BENZO(B)FLUORANTHENE	.87	ND	ND	
	CHRYSENE	.87	ND	ND	
	BENZO(K)FLUORANTHENE	8.7	ND	ND	
	BENZO(A)PYRENE	.087	ND	ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		4		AIR RECEIVER TANK	
PRA Description				Normal Sample	
Sample Type					
Sample Id	GUR-ESB008-70002	GUR-ESB008-70003		GUR-ESS009-40001	
Depth - ft bgs	2 - 2.5	3.5 - 4		0 - 1	
Collected Date	05/31/00	05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND	
BENZO(G,H,I)PERYLENE	2300	ND		ND	
INDENO(1,2,3-CD)PYRENE	.87	ND		ND	
P/PCB	AROCLOL-1254	1	ND	ND	ND
METAL	BARIUM, TOTAL	5500	97.7	76.7	
	BERYLLIUM, TOTAL	160	ND	ND	
	CADMIUM, TOTAL	39	ND	ND	
	CHROMIUM, TOTAL	230	19.5	24.1	
	LEAD, TOTAL	400	ND	ND	
	NICKEL, TOTAL	1600	22.6	30.3	
	SILVER, TOTAL	390	4.2	3.0	
	MERCURY, TOTAL	20	ND	ND	
	ARSENIC, TOTAL	.43	16.6	X	2.4 X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	5
PRA Description	FORMER PIPELINE LIQUIDS AT
Sample Type	Normal Sample
Sample Id	GUR-ESS010-40001
Depth - ft bgs	0 - 1
Collected Date	05/31/00
Laboratory	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI) IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG
Category	Analyte
	Action Level
VOA	BENZENE
	12
	TOLUENE
	16000
	ETHYLBENZENE
	7800
	XYLENE (TOTAL)
	160000
	METHYLENE CHLORIDE
	85
BNA	NAPHTHALENE
	1600
	ACENAPHTHENE
	4700
	FLUORENE
	3100
	PHENANTHRENE
	23000
	ANTHRACENE
	23000
	FLUORANTHENE
	3100
	PYRENE
	2300
	BENZO(A)ANTHRACENE
	.87
	BENZO(B)FLUORANTHENE
	.87
	CHRYSENE
	87
	BENZO(K)FLUORANTHENE
	8.7
	BENZO(A)PYRENE
	.087

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	5	FORMER PIPELINE LIQUIDS AT			
PRA Description		Normal Sample			
Sample Type					
Sample Id	GUR-ESS010-40001	GUR-ESB009-70001			GUR-ESB009-70002
Depth - ft bgs	0 - 1	0 - 1			2 - 2.5
Collected Date	05/31/00	05/31/00			05/31/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.			SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)			IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG	MG/KG			MG/KG
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE		.087			
BENZO(G,H,I)PERYLENE		2300			
INDENO(1,2,3-CD)PYRENE		.87			
P/PCB	AROCLOL-1254	1	3.7	X	0.083
METAL	BARIUM, TOTAL	5500			ND
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3 **Summary of Analytical Results**

PRA	6	FORMER USED OIL AT					
PRA Description		Normal Sample					
Sample Type		GUR-ESB010-70001					
Sample Id	GUR-ESB009-70003	GUR-ESB010-70002					
Depth - ft bgs	3.5 - 4	2 - 2.5					
Collected Date	05/31/00	05/31/00					
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.					
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI) IT Corporation (Fluor Daniel/GTI)					
Result Units	MG/KG	MG/KG					
	Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE		12	ND		ND	
	TOLUENE		16000	ND		ND	
	ETHYLBENZENE		7800	ND		ND	
	XYLENE (TOTAL)		160000	ND		ND	
	METHYLENE CHLORIDE		85				
BNA	NAPHTHALENE		1600		ND		ND
	ACENAPHTHENE		4700		ND		ND
	FLUORENE		3100		ND		ND
	PHENANTHRENE		23000		ND		ND
	ANTHRACENE		23000		ND		ND
	FLUORANTHENE		3100		ND		ND
	PYRENE		2300		ND		ND
	BENZO(A)ANTHRACENE		.87		ND		ND
	BENZO(B)FLUORANTHENE		.87		ND		ND
	CHRYSENE		.87		ND		ND
	BENZO(K)FLUORANTHENE		8.7		ND		ND
	BENZO(A)PYRENE		.087		ND		ND

Notes:

* * * > CAI " equals " X " when reported value is above characterization action level for this locale.

II flag : Numerical value is an estimated quantity

ND indicates Non Detect.

ND indicates Non-Detect.

Table 4-3
Summary of Analytical Results

PRA	6	FORMER USED OIL AT			
PRA Description		Normal Sample			
Sample Type		GUR-ESB010-70001	GUR-ESB010-70002		
Sample Id	GUR-ESB009-70003				
Depth - ft bgs	3.5 - 4	0 - 1		2 - 2.5	
Collected Date	05/31/00	05/31/00	05/31/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE	.087			ND	ND
BENZO(G,H,I)PERYLENE	2300			ND	ND
INDENO(1,2,3-CD)PYRENE	.87			ND	ND
P/PCB	AROCLOL-1254	1	ND	ND	ND
METAL	BARIUM, TOTAL	5500			
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400		ND	ND
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA				7
PRA Description	BASEMENT WATER UT			
Sample Type	Normal Sample			
Sample Id	GUR-ESB010-70003	GUR-ESB011-70001	GUR-ESB012-70001	
Depth - ft bgs	3.5 - 4	5 - 6	5 - 6	
Collected Date	05/31/00	05/31/00	05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag
VOA	BENZENE	12	ND	ND
	TOLUENE	16000	ND	ND
	ETHYLBENZENE	7800	ND	ND
	XYLENE (TOTAL)	160000	ND	ND
	METHYLENE CHLORIDE	85		ND
BNA	NAPHTHALENE	1600	ND	ND
	ACENAPHTHENE	4700	ND	ND
	FLUORENE	3100	ND	ND
	PHENANTHRENE	23000	ND	ND
	ANTHRACENE	23000	ND	ND
	FLUORANTHENE	3100	ND	ND
	PYRENE	2300	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND
	CHRYSENE	.87	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND
	BENZO(A)PYRENE	.087	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA				7
PRA Description	BASEMENT WATER UT			
Sample Type	Normal Sample			
Sample Id	GUR-ESB010-70003	GUR-ESB011-70001	GUR-ESB012-70001	
Depth - ft bgs	3.5 - 4	5 - 6	5 - 6	
Collected Date	05/31/00	05/31/00	05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND	ND	ND
BENZO(G,H,I)PERYLENE	2300	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	.87	ND	ND	ND
P/PCB	AROCLOL-1254	1	ND	ND
METAL	BARIUM, TOTAL	5500		77.5
	BERYLLIUM, TOTAL	160		5.0
	CADMIUM, TOTAL	39		ND
	CHROMIUM, TOTAL	230		18.3
	LEAD, TOTAL	400	ND	23.1
	NICKEL, TOTAL	1600		28.9
	SILVER, TOTAL	390		ND
	MERCURY, TOTAL	20		ND
	ARSENIC, TOTAL	.43		ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	8	PRA Description	BASEMENT WATER UT	Sample Type	Normal Sample	Sample Id	GUR-ESB013-70001	Depth - ft bgs	1 - 2	Collected Date	05/31/00	Laboratory	SPL Laboratories, Inc.	Sample Collector	IT Corporation (Fluor Daniel/GTI)	Result Units	MG/KG	Action Level	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
SEPTIC SYSTEM LEACH FIELD																							
Normal Sample																							
VOA	BENZENE																						
		12																					
	TOLUENE																						
	ETHYLBENZENE																						
	XYLENE (TOTAL)																						
	METHYLENE CHLORIDE																						
BNA	NAPHTHALENE																						
	ACENAPHTHENE																						
	FLUORENE																						
	PHENANTHRENE																						
	ANTHRACENE																						
	FLUORANTHENE																						
	PYRENE																						
	BENZO(A)ANTHRACENE																						
	BENZO(B)FLUORANTHENE																						
	CHRYSENE																						
	BENZO(K)FLUORANTHENE																						
	BENZO(A)PYRENE																						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	8	PRA Description	BASEMENT WATER UT	Sample Type	Normal Sample	Result Units	MG/KG	Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
SEPTIC SYSTEM LEACH FIELD																
Normal Sample																
Sample Id	GUR-ESB013-70001	Depth - ft bgs	1 - 2	Collected Date	05/31/00	Laboratory	SPL Laboratories, Inc.	Sample Collector	IT Corporation (Fluor Daniel/GTI)							
5 - 6	5 - 6	05/31/00	05/31/00	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	
3.5 - 4	3.5 - 4	06/01/00	06/01/00													

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	
PRA Description	
Sample Type	
Sample Id	GUR-ESB016-70001
Depth - ft bgs	3.5 - 4
Collected Date	06/01/00
Laboratory	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG
Action Level	> CAL*
Analyte	Result Flag
BENZENE	ND
TOLUENE	ND
ETHYLBENZENE	ND
XYLENE (TOTAL)	ND
METHYLENE CHLORIDE	ND
NAPHTHALENE	ND
ACENAPHTHENE	ND
FLUORENE	ND
PHENANTHRENE	ND
ANTHRACENE	ND
FLUORANTHENE	ND
PYRENE	ND
BENZO(A)ANTHRACENE	ND
BENZO(B)FLUORANTHENE	ND
CHRYSENE	ND
BENZO(K)FLUORANTHENE	ND
BENZO(A)PYRENE	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ESB016-70001		GUR-ESB017-70001		GUR-ESB018-70001
Depth - ft bgs	3.5 - 4		3.5 - 4		3.5 - 4
Collected Date	06/01/00		06/01/00		06/01/00
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG		MG/KG		MG/KG
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND	ND	ND	ND
BENZO(G,H,I)PERYLENE	2300	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	.87	ND	ND	ND	ND
P/PCB	AROCLOL-1254	1	ND	ND	0.046 J
METAL	BARIUM, TOTAL	5500	59.6	57.4	91.9
	BERYLLIUM, TOTAL	160	6.0	4.5	13.8
	CADMIUM, TOTAL	39	ND	ND	ND
	CHROMIUM, TOTAL	230	16.7	17.5	21.7
	LEAD, TOTAL	400	ND	ND	36.9
	NICKEL, TOTAL	1600	22.3	18.7	25.9
	SILVER, TOTAL	390	ND	ND	4.2
	MERCURY, TOTAL	20	ND	ND	ND
	ARSENIC, TOTAL	.43	ND	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		10		DRAINAGE PIPES AND CISTER ^J	
PRA Description				Normal Sample	
Sample Type					
Sample Id	GUR-ESB019-70001	GUR-ESS030-40001		GUR-ESB020-70001	
Depth - ft bgs	3.5 - 4	0 - 1		6.5 - 7.5	
Collected Date	06/01/00	06/01/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	ND
	TOLUENE	16000	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND
	METHYLENE CHLORIDE	85	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND
	FLUORENE	3100	ND	ND	ND
	PHENANTHRENE	23000	ND	0.57	ND
	ANTHRACENE	23000	ND	ND	ND
	FLUORANTHENE	3100	ND	0.79	ND
	PYRENE	2300	ND	0.62	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		10		DRAINAGE PIPES AND CISTER[Normal Sample	
PRA Description					
Sample Type					
Sample Id	GUR-ESB019-70001	GUR-ESS030-40001		GUR-ESB020-70001	
Depth - ft bgs	3.5 - 4	0 - 1		6.5 - 7.5	
Collected Date	06/01/00	06/01/00		05/31/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND	ND
BENZO(G,H,I)PERYLENE	2300	ND		ND	ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND	ND
P/PCB	AROCLOL-1254	1	ND	2.0	X
METAL	BARIUM, TOTAL	5500	54.2	131	50.4
	BERYLLIUM, TOTAL	160	13.1	ND	2.8
	CADMIUM, TOTAL	39	ND	1.7	ND
	CHROMIUM, TOTAL	230	16.2	58.0	5.9
	LEAD, TOTAL	400	ND	ND	ND
	NICKEL, TOTAL	1600	22.7	19.0	ND
	SILVER, TOTAL	390	ND	4.2	2.8
	MERCURY, TOTAL	20	ND	ND	ND
	ARSENIC, TOTAL	.43	ND	24.4	X
				36.6	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description	N					
Sample Type						
Sample Id	GUR-ESB021-70001	GUR-ESS011-40001	GUR-ESS012-40001	GUR-ESS012-40001		
Depth - ft bgs	5 - 6	0 - 1	0 - 1	0 - 1		
Collected Date	05/31/00	05/31/00	05/31/00	05/31/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)					
Result Units	MG/KG	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	0.010	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	ND
	PYRENE	2300	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description	N					
Sample Type						
Sample Id	GUR-ESB021-70001		GUR-ESS011-40001		GUR-ESS012-40001	
Depth - ft bgs	5 - 6		0 - 1		0 - 1	
Collected Date	05/31/00		05/31/00		05/31/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND
P/PCB	AROCLOL-1254	1	ND	ND	ND	0.71
METAL	BARIUM, TOTAL	5500	35.8		96.8	95.0
	BERYLLIUM, TOTAL	160	7.3		14.2	7.5
	CADMIUM, TOTAL	39	ND		ND	ND
	CHROMIUM, TOTAL	230	14.8		19.2	11.3
	LEAD, TOTAL	400	ND		ND	ND
	NICKEL, TOTAL	1600	15.8		18.0	14.2
	SILVER, TOTAL	390	ND		ND	ND
	MERCURY, TOTAL	20	ND		ND	ND
	ARSENIC, TOTAL	.43	ND		6.0	X
						3.7
						X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	11												
PRA Description	BLOWDOWN VENTS												
Sample Type	Normal Sample												
Sample Id	GUR-ESS013-40001		GUR-ESS014-40001		GUR-ESS015-40001								
Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5								
Collected Date	06/01/00		06/01/00		06/01/00								
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.								
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)								
Result Units	MG/KG		MG/KG		MG/KG								
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag						
VOA	BENZENE	12											
	TOLUENE	16000											
	ETHYLBENZENE	7800											
	XYLENE (TOTAL)	160000											
	METHYLENE CHLORIDE	85											
BNA	NAPHTHALENE	1600											
	ACENAPHTHENE	4700											
	FLUORENE	3100											
	PHENANTHRENE	23000											
	ANTHRACENE	23000											
	FLUORANTHENE	3100											
	PYRENE	2300											
	BENZO(A)ANTHRACENE	.87											
	BENZO(B)FLUORANTHENE	.87											
	CHRYSENE	87											
	BENZO(K)FLUORANTHENE	8.7											
	BENZO(A)PYRENE	.087											

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	11								
PRA Description	BLOWDOWN VENTS								
Sample Type	Normal Sample								
Sample Id	GUR-ESS013-40001		GUR-ESS014-40001		GUR-ESS015-40001				
Depth - ft bgs	0 - 0.5		0 - 0.5		0 - 0.5				
Collected Date	06/01/00		06/01/00		06/01/00				
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.				
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG		MG/KG		MG/KG				
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*				
DIBENZO(A,H)ANTHRACENE		.087							
BENZO(G,H,I)PERYLENE		2300							
INDENO(1,2,3-CD)PYRENE		.87							
P/PCB	AROCLOR-1254	1	0.17		0.96				
METAL	BARIUM, TOTAL	5500							
	BERYLLIUM, TOTAL	160							
	CADMIUM, TOTAL	39							
	CHROMIUM, TOTAL	230							
	LEAD, TOTAL	400							
	NICKEL, TOTAL	1600							
	SILVER, TOTAL	390							
	MERCURY, TOTAL	20							
	ARSENIC, TOTAL	.43							

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		12	
PRA Description		DRIP HOOKUP	
Sample Type		Normal Sample	
Sample Id	GUR-ESS016-40001	GUR-ESS017-40001	GUR-ESS022-70001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1
Collected Date	06/01/00	06/01/00	06/01/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG	MG/KG	MG/KG
Category	Analyte	Action Level	> CAL*
VOA	BENZENE	12	
	TOLUENE	16000	
	ETHYLBENZENE	7800	
	XYLENE (TOTAL)	160000	
	METHYLENE CHLORIDE	85	
BNA	NAPHTHALENE	1600	
	ACENAPHTHENE	4700	
	FLUORENE	3100	
	PHENANTHRENE	23000	
	ANTHRACENE	23000	
	FLUORANTHENE	3100	
	PYRENE	2300	
	BENZO(A)ANTHRACENE	.87	
	BENZO(B)FLUORANTHENE	.87	
	CHRYSENE	87	
	BENZO(K)FLUORANTHENE	8.7	
	BENZO(A)PYRENE	.087	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		12	
PRA Description		DRIP HOOKUP	
Sample Type		Normal Sample	
Sample Id	GUR-ESS016-40001	GUR-ESS017-40001	GUR-ESS022-70001
Depth - ft bgs	0 - 0.5	0 - 0.5	0 - 1
Collected Date	06/01/00	06/01/00	06/01/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG	MG/KG	MG/KG
Category	Analyte	Action Level	Result Flag
DIBENZO(A,H)ANTHRACENE		.087	> CAL*
BENZO(G,H,I)PERYLENE		2300	
INDENO(1,2,3-CD)PYRENE		.87	
P/PCB	AROCLOL-1254	1	ND
METAL	BARIUM, TOTAL	5500	ND
	BERYLLIUM, TOTAL	160	
	CADMIUM, TOTAL	39	
	CHROMIUM, TOTAL	230	
	LEAD, TOTAL	400	
	NICKEL, TOTAL	1600	
	SILVER, TOTAL	390	
	MERCURY, TOTAL	20	
	ARSENIC, TOTAL	.43	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB022-70002	GUR-ESB022-70003	GUR-ESB023-70001			
Depth - ft bgs	2 - 2.5	3.5 - 4	0 - 1			
Collected Date	06/01/00	06/01/00	06/01/00			
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.			
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)			
Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85				
BNA	NAPHTHALENE	1600				
	ACENAPHTHENE	4700				
	FLUORENE	3100				
	PHENANTHRENE	23000				
	ANTHRACENE	23000				
	FLUORANTHENE	3100				
	PYRENE	2300				
	BENZO(A)ANTHRACENE					
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ESB022-70002	GUR-ESB022-70003	GUR-ESB023-70001		
Depth - ft bgs	2 - 2.5	3.5 - 4	0 - 1		
Collected Date	06/01/00	06/01/00	06/01/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOL-1254	1	ND	ND	ND
METAL	BARIUM, TOTAL	5500			
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: January 09, 2001

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB023-70002	GUR-ESB023-70003	GUR-ESB024-70001			
Depth - ft bgs	2 - 2.5	3.5 - 4	0 - 1			
Collected Date	06/01/00	06/01/00	06/01/00			
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.			
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)			
Result Units	MG/KG	MG/KG	MG/KG			
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
VOA	BENZENE	12	ND	0.007		0.85
	TOLUENE	16000	0.017	ND		3.5
	ETHYLBENZENE	7800	0.16	ND		1.0
	XYLENE (TOTAL)	160000	0.20	ND		8.3
	METHYLENE CHLORIDE	85				
BNA	NAPHTHALENE	1600				
	ACENAPHTHENE	4700				
	FLUORENE	3100				
	PHENANTHRENE	23000				
	ANTHRACENE	23000				
	FLUORANTHENE	3100				
	PYRENE	2300				
	BENZO(A)ANTHRACENE	.87				
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ESB023-70002	GUR-ESB023-70003	GUR-ESB024-70001		
Depth - ft bgs	2 - 2.5	3.5 - 4	0 - 1		
Collected Date	06/01/00	06/01/00	06/01/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOL-1254	1	ND	ND	0.75 J
METAL	BARIUM, TOTAL	5500			
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		13		COMPRESSOR BUILDING	
PRA Description				Field Duplicate (Rep)	
Sample Type					
Sample Id	GUR-ESB024-70002	GUR-ESB024-70003		GUR-ECH006-81001	
Depth - ft bgs	5 - 6	7 - 7.5		0 - 0	
Collected Date	06/01/00	06/01/00		06/02/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*
VOA	BENZENE	12	0.57 J	ND	
	TOLUENE	16000	0.83	ND	
	ETHYLBENZENE	7800	1.1	0.011	
	XYLENE (TOTAL)	160000	5.3	0.15	
	METHYLENE CHLORIDE	85			
BNA	NAPHTHALENE	1600	0.73	ND	
	ACENAPHTHENE	4700	1.6	ND	
	FLUORENE	3100	1.9	ND	
	PHENANTHRENE	23000	9.4	1.9	
	ANTHRACENE	23000	2.8	0.52	
	FLUORANTHENE	3100	9.1	1.7	
	PYRENE	2300	7.1	1.3	
	BENZO(A)ANTHRACENE	.87	4.0	X	0.68
	BENZO(B)FLUORANTHENE	.87	4.6	X	0.81
	CHRYSENE	.87	4.0		0.71
	BENZO(K)FLUORANTHENE	8.7	4.2	ND	
	BENZO(A)PYRENE	.087	2.7	X	0.48 X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA				13		
PRA Description	COMPRESSOR BUILDING					
Sample Type	Field Duplicate (Rep)					
Sample Id	GUR-ESB024-70002	GUR-ESB024-70003	GUR-ECH006-81001			
Depth - ft bgs	5 - 6	7 - 7.5		0 - 0		
Collected Date	06/01/00	06/01/00	06/02/00			
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.			
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)			
Result Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE		.087	0.37 J	X	ND	
BENZO(G,H,I)PERYLENE		2300	1.1		ND	
INDENO(1,2,3-CD)PYRENE		.87	1.1	X	ND	
P/PCB	AROCLOL-1254	1	ND		ND	
METAL	BARIUM, TOTAL	5500				1.7 J X
	BERYLLIUM, TOTAL	160				
	CADMIUM, TOTAL	39				
	CHROMIUM, TOTAL	230				
	LEAD, TOTAL	400				
	NICKEL, TOTAL	1600				
	SILVER, TOTAL	390				
	MERCURY, TOTAL	20				
	ARSENIC, TOTAL	.43				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA Description						
Normal Sample						
Sample Type	Sample Id	GUR-ECH001-80001	GUR-ECH002-80001	GUR-ECH003-80001		
Depth - ft bgs	0 - 0	0 - 0	0 - 0	0 - 0		
Collected Date	06/02/00	06/02/00	06/02/00	06/02/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)					
Result Units	MG/KG	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12				
	TOLUENE	16000				
	ETHYLBENZENE	7800				
	XYLENE (TOTAL)	160000				
	METHYLENE CHLORIDE	85				
BNA	NAPHTHALENE	1600				
	ACENAPHTHENE	4700				
	FLUORENE	3100				
	PHENANTHRENE	23000				
	ANTHRACENE	23000				
	FLUORANTHENE	3100				
	PYRENE	2300				
	BENZO(A)ANTHRACENE	.87				
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA Description					
Normal Sample					
Sample Type	Sample Id	GUR-ECH001-80001	GUR-ECH002-80001	GUR-ECH003-80001	
Depth - ft bgs	0 - 0	0 - 0	0 - 0	0 - 0	
Collected Date	06/02/00	06/02/00	06/02/00	06/02/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOR-1254	1	0.14	0.075	0.099
METAL	BARIUM, TOTAL	5500			
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ECH004-80001	GUR-ECH005-80001	GUR-ECH006-80001	GUR-ECH006-80001		
Depth - ft bgs	0 - 0	0 - 0	0 - 0	0 - 0		
Collected Date	06/02/00	06/02/00	06/02/00	06/02/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)					
Result Units	MG/KG	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12				
	TOLUENE	16000				
	ETHYLBENZENE	7800				
	XYLENE (TOTAL)	160000				
	METHYLENE CHLORIDE	85				
BNA	NAPHTHALENE	1600				
	ACENAPHTHENE	4700				
	FLUORENE	3100				
	PHENANTHRENE	23000				
	ANTHRACENE	23000				
	FLUORANTHENE	3100				
	PYRENE	2300				
	BENZO(A)ANTHRACENE	.87				
	BENZO(B)FLUORANTHENE	.87				
	CHRYSENE	87				
	BENZO(K)FLUORANTHENE	8.7				
	BENZO(A)PYRENE	.087				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ECH004-80001		GUR-ECH005-80001		GUR-ECH006-80001
Depth - ft bgs	0 - 0		0 - 0		0 - 0
Collected Date	06/02/00		06/02/00		06/02/00
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG		MG/KG		MG/KG
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOL-1254	1	3.0	X	4.3
METAL	BARIUM, TOTAL	5500		X	2.2
	BERYLLIUM, TOTAL	160		J	X
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	14						
PRA Description	AUXILIARY BUILDING						
Sample Type	Field Duplicate (Rep)						
Sample Id	GUR-EML003-11001	GUR-ECH007-80001	GUR-ECH008-80001				
Depth - ft bgs	0 - 0	0 - 0	0 - 0				
Collected Date	06/02/00	06/02/00	06/02/00				
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.				
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG	MG/KG	MG/KG				
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12					
	TOLUENE	16000					
	ETHYLBENZENE	7800					
	XYLENE (TOTAL)	160000					
	METHYLENE CHLORIDE	85					
BNA	NAPHTHALENE	1600					
	ACENAPHTHENE	4700					
	FLUORENE	3100					
	PHENANTHRENE	23000					
	ANTHRACENE	23000					
	FLUORANTHENE	3100					
	PYRENE	2300					
	BENZO(A)ANTHRACENE	.87					
	BENZO(B)FLUORANTHENE	.87					
	CHRYSENE	.87					
	BENZO(K)FLUORANTHENE	8.7					
	BENZO(A)PYRENE	.087					

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	14				
PRA Description	AUXILIARY BUILDING				
Sample Type	Field Duplicate (Rep)	Normal Sample			
Sample Id	GUR-EML003-11001	GUR-ECH007-80001	GUR-ECH008-80001		
Depth - ft bgs	0 - 0	0 - 0	0 - 0		
Collected Date	06/02/00	06/02/00	06/02/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOL-1254	1	11	X	0.84
METAL	BARIUM, TOTAL	5500			0.71
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ECH009-80001	GUR-EML002-10001	GUR-EML003-10001		
Depth - ft bgs	0 - 0	0 - 0	0 - 0		
Collected Date	06/02/00	06/02/00	06/02/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	MG/KG	MG/KG	MG/KG		
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12			
	TOLUENE	16000			
	ETHYLBENZENE	7800			
	XYLENE (TOTAL)	160000			
	METHYLENE CHLORIDE	85			
BNA	NAPHTHALENE	1600			
	ACENAPHTHENE	4700			
	FLUORENE	3100			
	PHENANTHRENE	23000			
	ANTHRACENE	23000			
	FLUORANTHENE	3100			
	PYRENE	2300			
	BENZO(A)ANTHRACENE	.87			
	BENZO(B)FLUORANTHENE	.87			
	CHRYSENE	.87			
	BENZO(K)FLUORANTHENE	8.7			
	BENZO(A)PYRENE	.087			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA					
PRA Description					
Sample Type					
Sample Id	GUR-ECH009-80001		GUR-EML002-10001		GUR-EML003-10001
Depth - ft bgs	0 - 0		0 - 0		0 - 0
Collected Date	06/02/00		06/02/00		06/02/00
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG		MG/KG		MG/KG
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087				
BENZO(G,H,I)PERYLENE	2300				
INDENO(1,2,3-CD)PYRENE	.87				
P/PCB	AROCLOL-1254	1	0.040 J	4.0	X
METAL	BARIUM, TOTAL	5500			
	BERYLLIUM, TOTAL	160			
	CADMIUM, TOTAL	39			
	CHROMIUM, TOTAL	230			
	LEAD, TOTAL	400			
	NICKEL, TOTAL	1600			
	SILVER, TOTAL	390			
	MERCURY, TOTAL	20			
	ARSENIC, TOTAL	.43			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	15	16						
PRA Description	DRUM STORAGE AREA	SCRUBBER						
Sample Type	Field Duplicate (Rep)	Normal Sample						
Sample Id	GUR-ESS018-41001	GUR-ESS018-40001						
Depth - ft bgs	0 - 1	0 - 1						
Collected Date	06/01/00	06/01/00						
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.						
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)						
Result Units	MG/KG	MG/KG						
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		0.017	
	XYLENE (TOTAL)	160000	ND		ND		0.029	
	METHYLENE CHLORIDE	85	ND		ND			
BNA	NAPHTHALENE	1600	ND		ND		ND	
	ACENAPHTHENE	4700	0.41 R		0.43 R			
	FLUORENE	3100	ND		ND			
	PHENANTHRENE	23000	ND		ND			
	ANTHRACENE	23000	ND		ND			
	FLUORANTHENE	3100	ND		ND			
	PYRENE	2300	ND		ND			
	BENZO(A)ANTHRACENE	.87	ND		ND			
	BENZO(B)FLUORANTHENE	.87	ND		ND			
	CHRYSENE	.87	ND		ND			
	BENZO(K)FLUORANTHENE	8.7	ND		ND			
	BENZO(A)PYRENE	.087	ND		ND			

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Date generated: January 09, 2001

Table 4-3
Summary of Analytical Results

PRA	15	DRUM STORAGE AREA	16	SCRUBBER
PRA Description	Field Duplicate (Rep)	Normal Sample	Normal Sample	
Sample Type	GUR-ESS018-41001	GUR-ESS018-40001	GUR-ESS025-70001	
Sample Id				
Depth - ft bgs	0 - 1	0 - 1	0 - 1	
Collected Date	06/01/00	06/01/00	06/01/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE		.087	ND	ND
BENZO(G,H,I)PERYLENE		2300	ND	ND
INDENO(1,2,3-CD)PYRENE		.87	ND	ND
P/PCB	AROCLOL-1254	1	ND	ND
METAL	BARIUM, TOTAL	5500	82.3	88.6
	BERYLLIUM, TOTAL	160	ND	ND
	CADMIUM, TOTAL	39	ND	ND
	CHROMIUM, TOTAL	230	11.8	13.8
	LEAD, TOTAL	400	ND	ND
	NICKEL, TOTAL	1600	12.6	13.7
	SILVER, TOTAL	390	ND	ND
	MERCURY, TOTAL	20	ND	ND
	ARSENIC, TOTAL	.43	8.1 J X	9.4 J X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA				17
PRA Description			FIN FAN	
Sample Type			Normal Sample	
Sample Id	GUR-ESB025-70002	GUR-ESB025-70003	GUR-ESS019-40001	
Depth - ft bgs	2 - 2.5	3.5 - 4	0 - 1	
Collected Date	06/01/00	06/01/00	06/01/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*
VOA	BENZENE	12	ND	ND
	TOLUENE	16000	ND	ND
	ETHYLBENZENE	7800	ND	ND
	XYLENE (TOTAL)	160000	ND	ND
	METHYLENE CHLORIDE	85		
BNA	NAPHTHALENE	1600		
	ACENAPHTHENE	4700		
	FLUORENE	3100		
	PHENANTHRENE	23000		
	ANTHRACENE	23000		
	FLUORANTHENE	3100		
	PYRENE	2300		
	BENZO(A)ANTHRACENE	.87		
	BENZO(B)FLUORANTHENE	.87		
	CHRYSENE	87		
	BENZO(K)FLUORANTHENE	8.7		
	BENZO(A)PYRENE	.087		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA				17
PRA Description				FIN FAN
Sample Type				Normal Sample
Sample Id	GUR-ESB025-70002		GUR-ESB025-70003	GUR-ESS019-40001
Depth - ft bgs	2 - 2.5		3.5 - 4	0 - 1
Collected Date	06/01/00		06/01/00	06/01/00
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG		MG/KG	MG/KG
Category	Analyte	Action Level	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE		.087		
BENZO(G,H,I)PERYLENE		2300		
INDENO(1,2,3-CD)PYRENE		.87		
P/PCB	AROCLOL-1254	1	ND	ND
METAL	BARIUM, TOTAL	5500		
	BERYLLIUM, TOTAL	160		
	CADMIUM, TOTAL	39		
	CHROMIUM, TOTAL	230		
	LEAD, TOTAL	400		
	NICKEL, TOTAL	1600		
	SILVER, TOTAL	390		
	MERCURY, TOTAL	20		
	ARSENIC, TOTAL	.43		

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	19	19	20
PRA Description	STRESSED VEG. NORTH	STRESSED VEG. WEST	
Sample Type	Normal Sample	Normal Sample	
Sample Id	GUR-ESS020-40001	GUR-ESS021-40001	GUR-ESS022-40001
Depth - ft bgs	0 - 1	0 - 1	0 - 1
Collected Date	06/01/00	06/01/00	06/01/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG	MG/KG	MG/KG
Category	Analyte	Action Level	Result Flag
VOA	BENZENE	12	ND
	TOLUENE	16000	ND
	ETHYLBENZENE	7800	ND
	XYLENE (TOTAL)	160000	ND
	METHYLENE CHLORIDE	85	
BNA	NAPHTHALENE	1600	ND
	ACENAPHTHENE	4700	0.39 R
	FLUORENE	3100	ND
	PHENANTHRENE	23000	ND
	ANTHRACENE	23000	ND
	FLUORANTHENE	3100	ND
	PYRENE	2300	ND
	BENZO(A)ANTHRACENE	.87	ND
	BENZO(B)FLUORANTHENE	.87	ND
	CHRYSENE	.87	ND
	BENZO(K)FLUORANTHENE	8.7	ND
	BENZO(A)PYRENE	.087	ND

Notes:

* " > CAL " equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		19		20
PRA Description		STRESSED VEG. NORTH		STRESSED VEG. WEST
Sample Type		Normal Sample		Normal Sample
Sample Id	GUR-ESS020-40001	GUR-ESS021-40001		GUR-ESS022-40001
Depth - ft bgs	0 - 1	0 - 1		0 - 1
Collected Date	06/01/00	06/01/00		06/01/00
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.		SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG	MG/KG		MG/KG
Category	Analyte	Action Level	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE		.087		ND
BENZO(G,H,I)PERYLENE		2300		ND
INDENO(1,2,3-CD)PYRENE		.87		ND
P/PCB	AROCLOL-1254	1		ND
METAL	BARIUM, TOTAL	5500		85.3
	BERYLLIUM, TOTAL	160		ND
	CADMIUM, TOTAL	39		ND
	CHROMIUM, TOTAL	230		13.2
	LEAD, TOTAL	400		ND
	NICKEL, TOTAL	1600		13.0
	SILVER, TOTAL	390		2.5
	MERCURY, TOTAL	20		1.1 J
	ARSENIC, TOTAL	.43		10.1 J X 5.8 J X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	21							
PRA Description	FENCE LINES							
Sample Type	Normal Sample							
Sample Id	GUR-ESS023-40001							
Depth - ft bgs	0 - 1							
Collected Date	06/01/00							
Laboratory	SPL Laboratories, Inc.							
Sample Collector	IT Corporation (Fluor Daniel/GTI)							
Result Units	MG/KG							
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	METHYLENE CHLORIDE	85						
BNA	NAPHTHALENE	1600						
	ACENAPHTHENE	4700						
	FLUORENE	3100						
	PHENANTHRENE	23000						
	ANTHRACENE	23000						
	FLUORANTHENE	3100						
	PYRENE	2300						
	BENZO(A)ANTHRACENE	.87						
	BENZO(B)FLUORANTHENE	.87						
	CHRYSENE	.87						
	BENZO(K)FLUORANTHENE	8.7						
	BENZO(A)PYRENE	.087						

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	21					
PRA Description	FENCE LINES					
Sample Type	Normal Sample					
Sample Id	GUR-ESS023-40001					GUR-ESS023-40001
Depth - ft bgs	0 - 1					0 - 1
Collected Date	06/01/00					06/01/00
Laboratory	SPL Laboratories, Inc.					SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTI)					IT Corporation (Fluor Daniel/GTI)
Result Units	MG/KG					MG/KG
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087					
BENZO(G,H,I)PERYLENE	2300					
INDENO(1,2,3-CD)PYRENE	.87					
P/PCB	AROCLOL-1254	1	ND		ND	ND
METAL	BARIUM, TOTAL	5500				
	BERYLLIUM, TOTAL	160				
	CADMIUM, TOTAL	39				
	CHROMIUM, TOTAL	230				
	LEAD, TOTAL	400				
	NICKEL, TOTAL	1600				
	SILVER, TOTAL	390				
	MERCURY, TOTAL	20				
	ARSENIC, TOTAL	.43				

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	22	23						
PRA Description	STORAGE BUILDING NORTH	STORAGE BUILDING WEST						
Sample Type	Normal Sample	Normal Sample						
Sample Id	GUR-ESS026-70001	GUR-ESS027-40001						
Depth - ft bgs	0 - 1	0 - 1						
Collected Date	06/01/00	06/01/00						
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.						
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)						
Result Units	MG/KG	MG/KG						
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND		ND		ND	
	TOLUENE	16000	ND		ND		ND	
	ETHYLBENZENE	7800	ND		ND		ND	
	XYLENE (TOTAL)	160000	ND		ND		ND	
	METHYLENE CHLORIDE	85			ND		ND	
BNA	NAPHTHALENE	1600			ND		ND	
	ACENAPHTHENE	4700			ND		ND	
	FLUORENE	3100			0.47		ND	
	PHENANTHRENE	23000			5.7		ND	
	ANTHRACENE	23000			2.2		ND	
	FLUORANTHENE	3100			13		ND	
	PYRENE	2300			9.6		ND	
	BENZO(A)ANTHRACENE	.87			6.2	X	ND	
	BENZO(B)FLUORANTHENE	.87			4.7	X	ND	
	CHRYSENE	87			7.1		ND	
	BENZO(K)FLUORANTHENE	8.7			4.1		ND	
	BENZO(A)PYRENE	.087			4.5	X	ND	

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA		22		23
PRA Description	STORAGE BUILDING NORTH		STORAGE BUILDING WEST	
Sample Type	Normal Sample		Normal Sample	
Sample Id	GUR-ESS026-70001	GUR-ESS027-40001	GUR-ESS028-40001	
Depth - ft bgs	0 - 1	0 - 1	0 - 1	
Collected Date	06/01/00	06/01/00	06/01/00	
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG	MG/KG	MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*
DIBENZO(A,H)ANTHRACENE	.087		0.96	X
BENZO(G,H,I)PERYLENE	2300		2.2	ND
INDENO(1,2,3-CD)PYRENE	.87		2.5	X
P/PCB	AROCLOL-1254	1	ND	ND
METAL	BARIUM, TOTAL	5500		92.8
	BERYLLIUM, TOTAL	160		ND
	CADMIUM, TOTAL	39		ND
	CHROMIUM, TOTAL	230		14.8
	LEAD, TOTAL	400		ND
	NICKEL, TOTAL	1600		14.6
	SILVER, TOTAL	390		ND
	MERCURY, TOTAL	20		19.8
	ARSENIC, TOTAL	.43		11.2 X X
				14.0 X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	24	AREA OF PREVIOUS SOIL REMOVAL					
PRA Description	Normal Sample						
Sample Type							
Sample Id	GUR-ESB026-70001	GUR-ESB026-70002	GUR-ESB026-70003				
Depth - ft bgs	0 - 1	2.5 - 3	4.5 - 5				
Collected Date	06/01/00	06/01/00	06/01/00				
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.				
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG	MG/KG	MG/KG				
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	ND	ND	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	ND	ND
	PYRENE	2300	ND	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	24	AREA OF PREVIOUS SOIL REMOVAL					
Sample Type	Normal Sample						
Sample Id	GUR-ESB026-70001	GUR-ESB026-70002	GUR-ESB026-70003				
Depth - ft bgs	0 - 1	2.5 - 3	4.5 - 5				
Collected Date	06/01/00	06/01/00	06/01/00				
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.				
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)				
Result Units	MG/KG	MG/KG	MG/KG				
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	Result Flag	> CAL*
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND	
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND	
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND	
P/PCB	AROCLOR-1254	1	8.6	X	7.0	X	0.12 J
METAL	BARIUM, TOTAL	5500	97.7		35.4		26.3
	BERYLLIUM, TOTAL	160	ND		ND		ND
	CADMIUM, TOTAL	39	ND		ND		ND
	CHROMIUM, TOTAL	230	14.6		15.7		8.8
	LEAD, TOTAL	400	ND		ND		ND
	NICKEL, TOTAL	1600	16.0		23.8		16.2
	SILVER, TOTAL	390	ND		3.8		ND
	MERCURY, TOTAL	20	ND		ND		ND
	ARSENIC, TOTAL	.43	6.7	X	2.7	X	2.6 X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3 Summary of Analytical Results

PRA Description						
Sample Type		GUR-ESB027-70002		GUR-ESB027-70003		
Sample Id	GUR-ESB027-70001	Depth - ft bgs	0 - 1	2.5 - 3	4.5 - 5	
Collected Date	06/01/00	Laboratory	SPL Laboratories, Inc.	06/01/00	SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)	Result Units	MG/KG	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	MG/KG
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	ND	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	ND
	PYRENE	2300	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND

Notes.

** > CAI " equals "X" when reported value is above characterization action level for this locale.

II flag - Numerical value is an estimated quantity

ND indicates Non Detect.

ND indicates Not Detect.

Table 4-3
Summary of Analytical Results

Notes:

** " CAT " equals "X" when reported value is above characterization action level for this locale.

\mathbb{I} flag - Numerical value is an estimated quantity.

Hag - Numerical value is
ND indicates Non-Detect

NB indicates Non-Detect

** " CAT " equals "X" when reported value is above characterization action level for this locale.

1 flag = Numerical

ND indicates

ND indicates

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB028-70001		GUR-ESB028-70002		GUR-ESB028-70003	
Depth - ft bgs	0 - 1		2.5 - 3		4.5 - 5	
Collected Date	06/01/00		06/01/00		06/01/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	> CAL*	> CAL*	> CAL*
VOA	BENZENE	12	ND	ND	ND	ND
	TOLUENE	16000	ND	ND	ND	ND
	ETHYLBENZENE	7800	ND	ND	ND	ND
	XYLENE (TOTAL)	160000	ND	ND	ND	ND
	METHYLENE CHLORIDE	85	ND	ND	ND	ND
BNA	NAPHTHALENE	1600	ND	ND	ND	ND
	ACENAPHTHENE	4700	ND	ND	ND	ND
	FLUORENE	3100	ND	ND	ND	ND
	PHENANTHRENE	23000	ND	ND	ND	ND
	ANTHRACENE	23000	ND	ND	ND	ND
	FLUORANTHENE	3100	ND	ND	ND	ND
	PYRENE	2300	ND	ND	ND	ND
	BENZO(A)ANTHRACENE	.87	ND	ND	ND	ND
	BENZO(B)FLUORANTHENE	.87	ND	ND	ND	ND
	CHRYSENE	.87	ND	ND	ND	ND
	BENZO(K)FLUORANTHENE	8.7	ND	ND	ND	ND
	BENZO(A)PYRENE	.087	ND	ND	ND	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA						
PRA Description						
Sample Type						
Sample Id	GUR-ESB028-70001		GUR-ESB028-70002		GUR-ESB028-70003	
Depth - ft bgs	0 - 1		2.5 - 3		4.5 - 5	
Collected Date	06/01/00		06/01/00		06/01/00	
Laboratory	SPL Laboratories, Inc.		SPL Laboratories, Inc.		SPL Laboratories, Inc.	
Sample Collector	IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)		IT Corporation (Fluor Daniel/GTI)	
Result Units	MG/KG		MG/KG		MG/KG	
Category	Analyte	Action Level	> CAL*	Result Flag	> CAL*	Result Flag
DIBENZO(A,H)ANTHRACENE	.087	ND		ND		ND
BENZO(G,H,I)PERYLENE	2300	ND		ND		ND
INDENO(1,2,3-CD)PYRENE	.87	ND		ND		ND
P/PCB	AROCLOL-1254	1	0.97	0.31		ND
METAL	BARIUM, TOTAL	5500	137		106	15.6
	BERYLLIUM, TOTAL	160	ND		ND	ND
	CADMIUM, TOTAL	39	ND		ND	ND
	CHROMIUM, TOTAL	230	11.7		12.3	4.1
	LEAD, TOTAL	400	ND		ND	ND
	NICKEL, TOTAL	1600	14.6		12.9	ND
	SILVER, TOTAL	390	ND		ND	ND
	MERCURY, TOTAL	20	ND		ND	ND
	ARSENIC, TOTAL	.43	5.7	X	7.1	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	25			
PRA Description	SOIL PILE WEST			
Sample Type	Normal Sample			
Sample Id	GUR-ESB029-70001			
Depth - ft bgs	1 - 2			
Collected Date	06/01/00			
Laboratory	SPL Laboratories, Inc.			
Sample Collector	IT Corporation (Fluor Daniel/GTE)			
Result Units	MG/KG			
Category	Analyte	Action Level	Result Flag	> CAL*
VOA	BENZENE	12	ND	
	TOLUENE	16000	ND	
	ETHYLBENZENE	7800	ND	
	XYLENE (TOTAL)	160000	ND	
	METHYLENE CHLORIDE	85	ND	
BNA	NAPHTHALENE	1600	ND	
	ACENAPHTHENE	4700	ND	
	FLUORENE	3100	ND	
	PHENANTHRENE	23000	2.6 J	
	ANTHRACENE	23000	0.64	
	FLUORANTHENE	3100	2.9 J	
	PYRENE	2300	2.2 J	
	BENZO(A)ANTHRACENE	.87	1.3 J	X
	BENZO(B)FLUORANTHENE	.87	0.91	X
	CHRYSENE	.87	1.4 J	
	BENZO(K)FLUORANTHENE	8.7	0.88	
	BENZO(A)PYRENE	.087	0.85	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	25
PRA Description	SOIL PILE WEST
Sample Type	Normal Sample
Sample Id	GUR-ESB029-70001
Depth - ft bgs	1 - 2
Collected Date	06/01/00
Laboratory	SPL Laboratories, Inc.
Sample Collector	IT Corporation (Fluor Daniel/GTE)
Result Units	MG/KG
Category	Analyte
DIBENZO(A,H)ANTHRACENE	Action Level
BENZO(G,H,I)PERYLENE	.087
INDENO(1,2,3-CD)PYRENE	2300
AROCLOL-1254	.87
METAL	Result Flag
BARIUM, TOTAL	> CAL*
BERYLLIUM, TOTAL	ND
CADMIUM, TOTAL	ND
CHROMIUM, TOTAL	0.43
LEAD, TOTAL	0.50
NICKEL, TOTAL	1
SILVER, TOTAL	0.46 J
MERCURY, TOTAL	ND
ARSENIC, TOTAL	X

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
 J flag - Numerical value is an estimated quantity.
 ND indicates Non-Detect
 Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA	3	18			
PRA Description	BASEMENT WATER STORAGE AT SITE WELL				
Sample Type	Field Duplicate (Rep)	Normal Sample	Field Duplicate (Rep)		
Sample Id	GUR-EML001-11001	GUR-EML001-10001	GUR-EPW001-61001		
Depth - ft bgs	0 - 0	0 - 0	0 - 0		
Collected Date	05/31/00	05/31/00	06/01/00		
Laboratory	SPL Laboratories, Inc.	SPL Laboratories, Inc.	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)	IT Corporation (Fluor Daniel/GTI)		
Result Units	UG/L	UG/L	UG/L		
Category	Analyte	Action Level	Result Flag	> CAL*	Result Flag
P/PCB	AROCLOR-1254	.5	ND	ND	ND
METAL	CHROMIUM, TOTAL	100	ND	ND	ND
	SILVER, TOTAL	100	27.2	35.5	ND
	ARSENIC, TOTAL	50	11.4	11.6	ND

Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.
J flag - Numerical value is an estimated quantity.
ND indicates Non-Detect
Blank cells in result column indicate an analysis was not performed for that analyte.

Table 4-3
Summary of Analytical Results

PRA			
PRA Description			
Sample Type	Normal Sample		
Sample Id	GUR-EPW001-60001		
Depth - ft bgs	0 - 0		
Collected Date	06/01/00		
Laboratory	SPL Laboratories, Inc.		
Sample Collector	IT Corporation (Fluor Daniel/GTE)		
Result Units	UG/L		
Category	Analyte	Action Level	Result Flag
P/PCB	AROCLOR-1254	.5	ND
METAL	CHROMIUM, TOTAL	100	ND
	SILVER, TOTAL	100	ND
	ARSENIC, TOTAL	50	ND

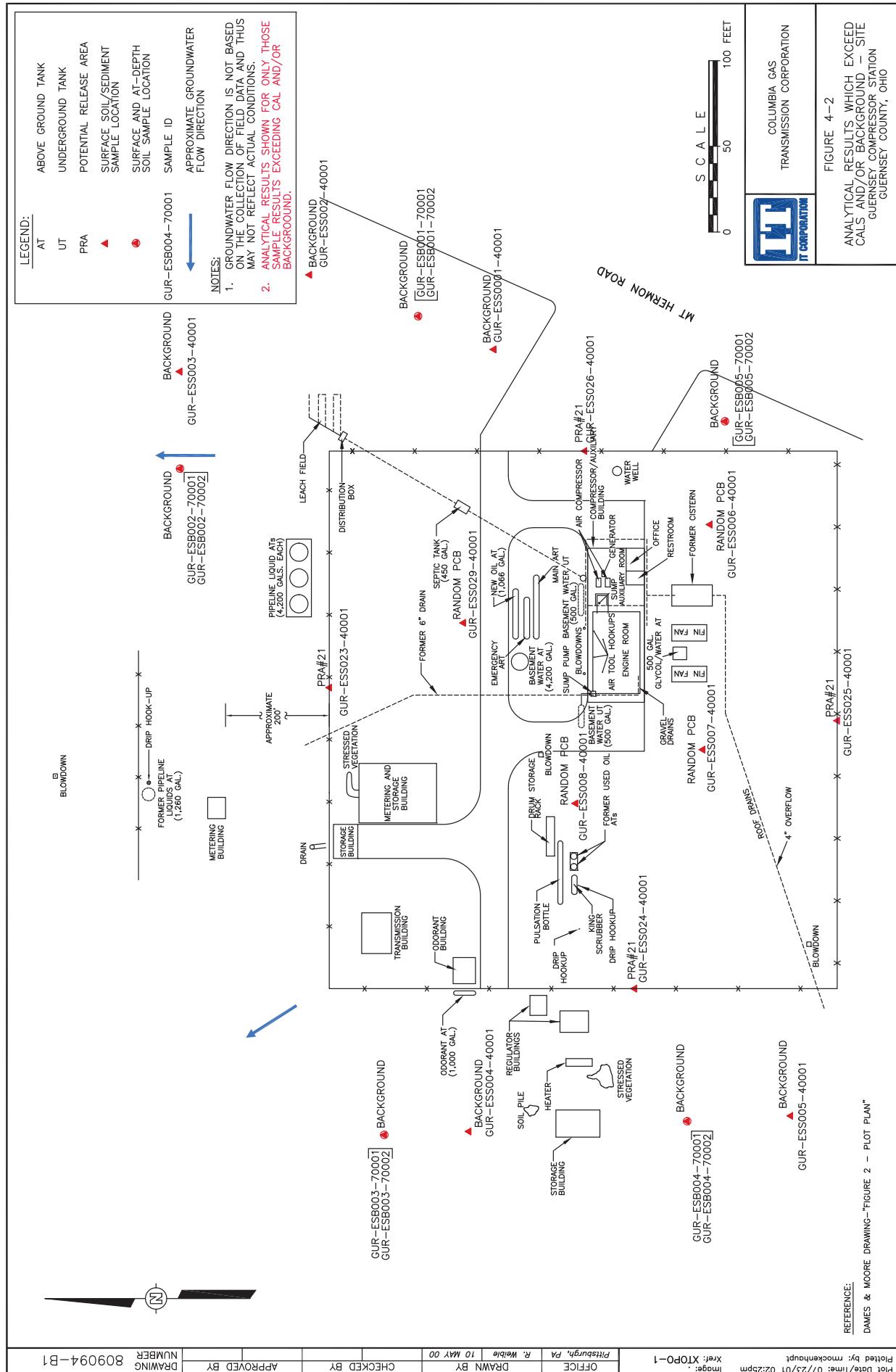
Notes:

* "> CAL" equals "X" when reported value is above characterization action level for this locale.

J flag - Numerical value is an estimated quantity.

ND indicates Non-Detect

Blank cells in result column indicate an analysis was not performed for that analyte.



REFERENCE:

DAMES & MOORE DRAWING—"FIGURE 2 – PLOT PLAN"

FIGURE 4-2
ANALYTICAL RESULTS WHICH EXCEED CAL AND/OR BACKGROUND SITE
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

COLUMBIA GAS
TRANSMISSION CORPORATION

GUR-ESS002-40001

GUR-ESS001-70001

GUR-ESS001-70002

GUR-ESS001-40001

GUR-ESS005-70001

GUR-ESS005-70002

GUR-ESS006-40001

GUR-ESS026-40001

GUR-ESS027-40001

GUR-ESS028-40001

GUR-ESS029-40001

GUR-ESS030-40001

GUR-ESS031-40001

GUR-ESS032-40001

GUR-ESS033-40001

GUR-ESS034-40001

GUR-ESS035-40001

GUR-ESS036-40001

GUR-ESS037-40001

GUR-ESS038-40001

GUR-ESS039-40001

GUR-ESS040-40001

GUR-ESS041-40001

GUR-ESS042-40001

GUR-ESS043-40001

GUR-ESS044-40001

GUR-ESS045-40001

GUR-ESS046-40001

GUR-ESS047-40001

GUR-ESS048-40001

GUR-ESS049-40001

GUR-ESS050-40001

GUR-ESS051-40001

GUR-ESS052-40001

GUR-ESS053-40001

GUR-ESS054-40001

GUR-ESS055-40001

D:\Project\Gas\Documents\809094-B1.dwg
Plotted by: Timme, O/T 05/23/01 02:25pm
Date: May 05 2001
Title: TOPo-1
Office: Pittsburgh, PA
Drawn By: R. Webber
Checked By: J. Topo
Approved By: J. Topo
Drawing Number: 809094-B1

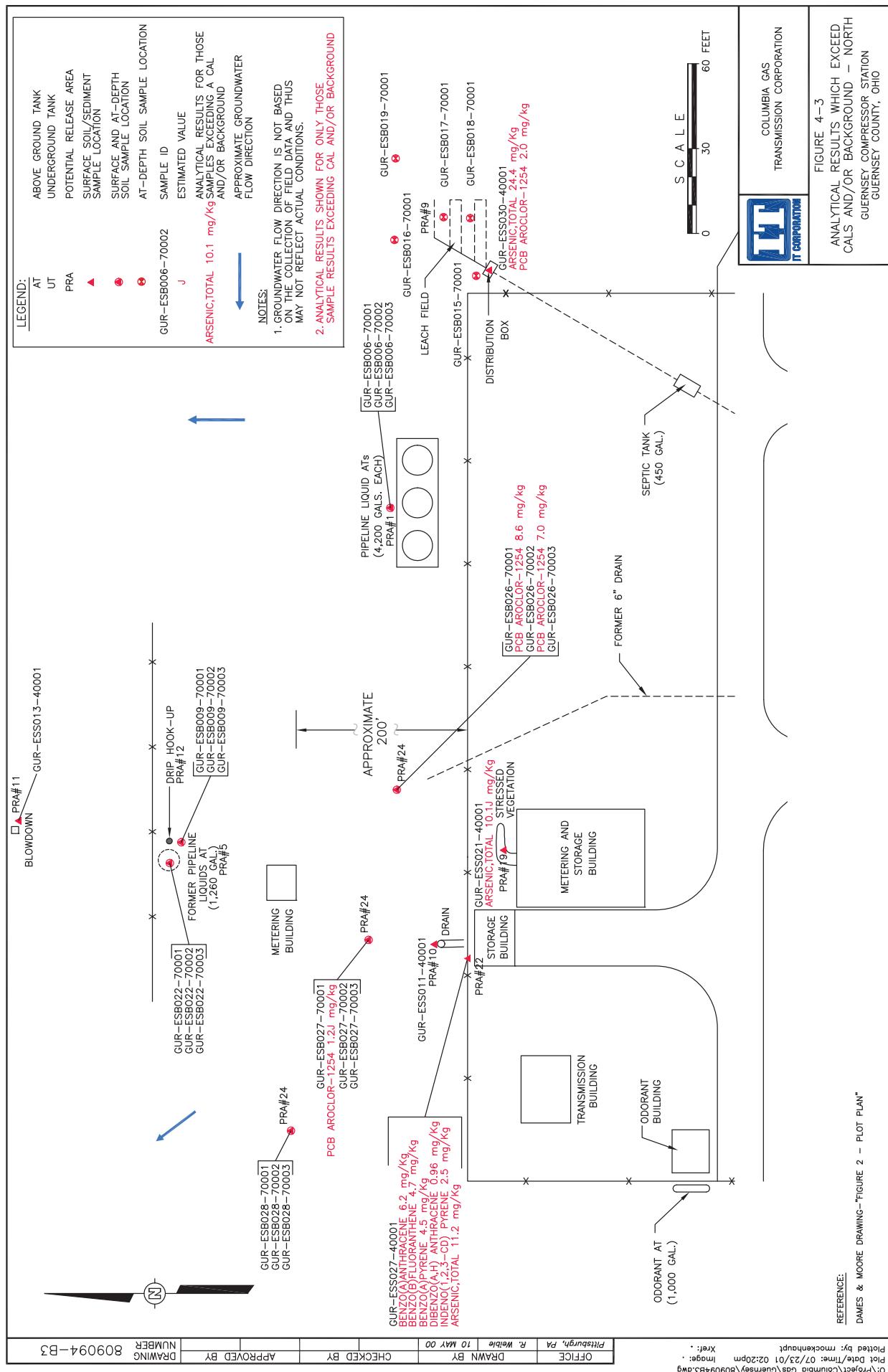


FIGURE 4-3
ANALYTICAL RESULTS WHICH EXCEED
CALS AND/OR BACKGROUND - NORTH
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

REFERENCE: JAMES & MOORE DRAWING—"FIGURE 2 — PLOT PLAN"

REFERENCE:

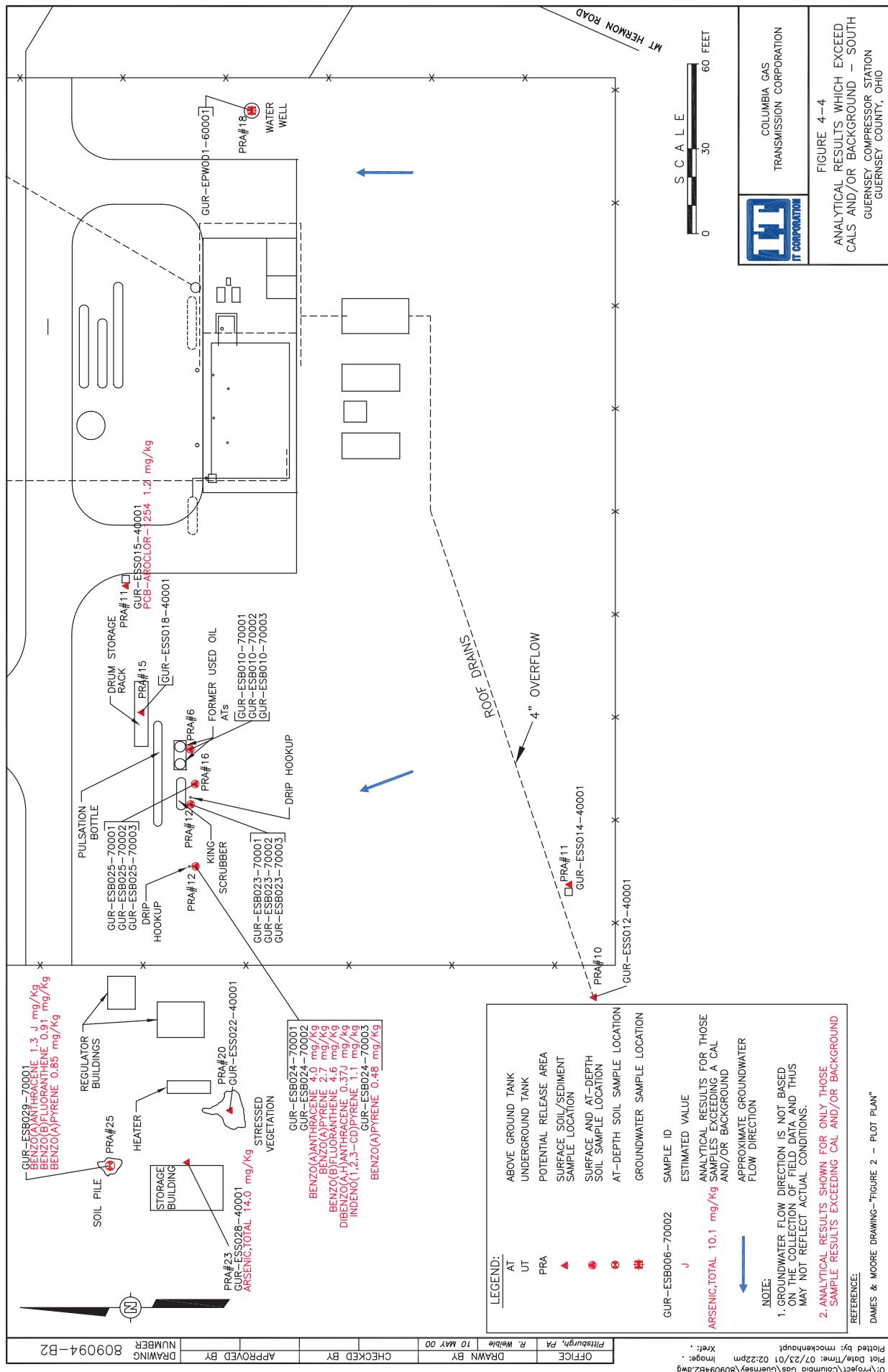


FIGURE 4-4
ANALYTICAL RESULTS WHICH EXCEED CALS AND/OR BACKGROUND - SOUTH GUILNEY COMPRESSOR STATION GUERNSEY COUNTY, OHIO



MT HERMON ROAD
COLUMBIA GAS
TRANSMISSION CORPORATION

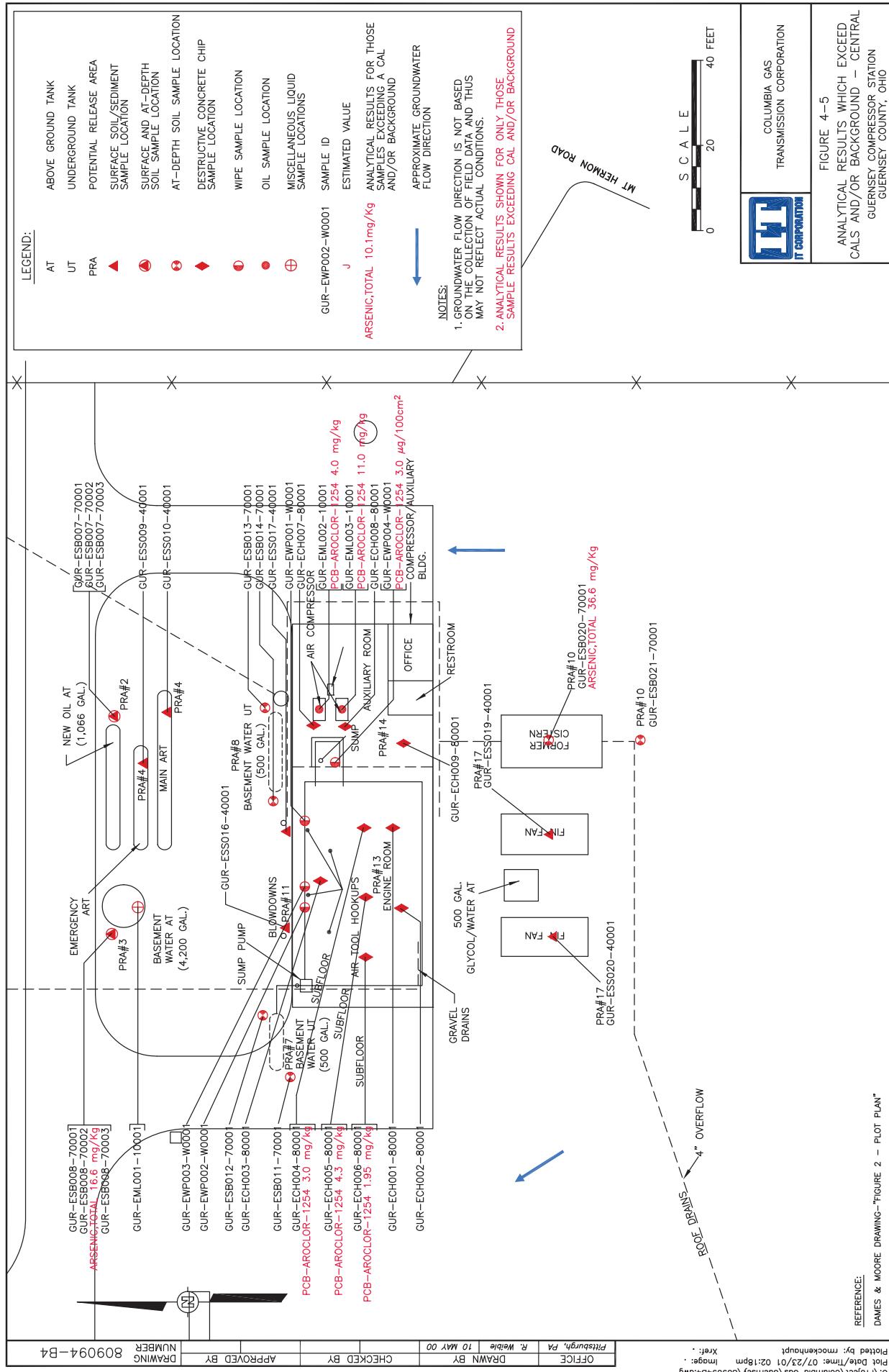


FIGURE 4-5
**ANALYTICAL RESULTS WHICH EXCEED
 S AND/OR BACKGROUND – CENTRAL
 GUERNSEY COMPRESSOR STATION
 GUERNSEY COUNTY, OHIO**

O:\Project\Plotted Data 1
DAMES & MOORE DRAWING—"FIGURE 2 - PLOT PLAN"
REFERENCE:

The maximum detected concentration in the background samples and a concentration equal to two times the arithmetic mean of concentrations detected in background were determined for each constituent detected (Appendix I - Site Background Calculations). As provided for in the CWP, the higher of these two values was used to establish the background concentration for specific constituents at the site. The following are the results of the site background calculations:

Analyte	Background Calculation Level (mg/kg)
Arsenic	9.40
Barium	160.11
Beryllium	10.32
Chromium	29.87
Nickel	29.26
Benzo(a)pyrene	0.44
Benzo(g,h,i)perylene	0.44
Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)anthracene	0.44
Benzo(b)fluoranthene	0.48
Chrysene	0.48
Fluoranthene	1.10
Phenanthrene	0.57
Pyrene	0.81

4.3.2 PCB Random Sampling Analytical Results

Four surface soil samples (0.0-0.5 feet bgs) were collected and submitted to the laboratory for PCB analyses. Analytical results indicated that PCBs were not detected in the randomly located soil samples.

4.3.3 Site Characterization Analytical Results

PRA #1 Three 4,200-gallon Pipeline Liquids ATs

One surface soil sample (0.0-1.0 feet bgs) and two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) were collected and submitted to the laboratory for BTEX and PCB analyses. Analytical results for the soil samples indicated that BTEX and PCB constituents were not detected.

PRA #2 1,066-gallon New Oil AT

One surface soil sample (0.0-1.0 feet bgs) and two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) were collected and submitted to the laboratory for BTEX and PAH analyses. Analytical results for the soil samples indicated that BTEX and PAH constituents were not detected.

PRA #3 4,200-gallon Basement Water Storage AT

One surface soil sample (0.0-1.0 feet bgs), two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) and one miscellaneous liquid sample from the tank were collected and submitted to the laboratory for Table 1 analyses.

Analytical results for the soil samples indicated that Table 1 VOC constituents were either not detected or detected below the CALs. PAH and PCB constituents were not detected. Table 1 Metals constituents, with the exception of Arsenic were either not detected or detected below the CALs. Arsenic was detected above the CAL (0.43 mg/kg) and above the background level (9.40 mg/kg) in one subsurface soil sample (GUR-ESB008-70002 - 16.6 mg/kg).

Analytical results for the miscellaneous liquid sample indicated that Table 1 VOC, PAH and PCB constituents were not detected. Table 1 Metals constituents were either not detected or detected below the CALs.

PRA #4 Air Receiver Tank

Two surface soil samples (0.0-0.5 feet bgs) were collected and submitted to the laboratory for PCB analyses. Analytical results indicated that the PCB constituent Aroclor-1254 was detected above the CAL (1.0 mg/kg) in one of the soil samples (GUR-ESS010-40001 – 3.7 mg/kg).

PRA #5 Former 1,260-gallon Pipeline Liquids AT

One surface soil sample (0.0-1.0 feet bgs) and two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) were collected and submitted to the laboratory for BTEX and PCB analyses. Analytical results for the soil samples indicated that BTEX and PCB constituents were either not detected or detected below the CALs.

PRA #6 Former Used Oil ATs

One surface soil sample (0.0-1.0 feet bgs) and two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) were collected and submitted to the laboratory for BTEX, PCB, PAH and Lead analyses. Analytical results for the soil samples indicated that the analyzed constituents were not detected.

PRA #7 500-gallon Basement Water UT – Engine Room

Two subsurface soil samples (5.0-6.0 feet bgs) were collected and submitted for Table 1 analyses. Analytical results indicated that Table 1 VOC, PAH and PCB constituents were not detected. Table 1 Metals constituents were either not detected or detected below the CALs.

PRA #8 500-gallon Basement Water UT – Auxiliary Room

Two subsurface soil samples (1.0-2.0 and 5.0-6.0 feet bgs) were collected and submitted for Table 1 analyses. Analytical results indicated that Table 1 VOC, PAH and PCB constituents were not detected. Table 1 Metals constituents were not detected, detected below the CALs or detected below the background level.

PRA #9 Septic System Leach Field

Five subsurface soil samples (3.5-4.0 feet bgs) were collected and one surface soil/sediment sample was collected from within the distribution box and submitted for Table 1 analyses. Analytical results for the subsurface soil samples indicated that Table 1 VOC, PAH and PCB constituents were either not detected or detected below the CALs. Analytical results for the surface sample collected from within the distribution box indicated Table 1 VOC and PAH constituents were either not detected or detected below the CALs. The PCB constituent Aroclor-1254 and the Table 1 metals constituent Arsenic were detected above their respective CALs in surface sample GUR ESS030-40001 (Aroclor-1254 – 2 mg/kg, Arsenic-24.4 mg/kg).

PRA #10 Cistern and Drainage Pipes

Two subsurface soil samples (5.0-6.0 and 6.5-7.5 feet bgs) were collected at, and adjacent to the cistern. Two surface soil samples (0.0-1.0 feet bgs) were collected at the drainage pipe discharge points. The samples were submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 VOC, PAH, PCB and Metals constituents were not detected, detected below the CALs, or detected below background levels in all but one sample. Arsenic was detected above the CAL and background in subsurface soil sample GUR-ESB020 70001 (6.5-7.5 feet bgs) at a concentration of 36.6 mg/kg.

PRA #11 Natural Gas Blowdowns/Vents

Five surface soil samples (0.0-0.5 feet bgs) were collected and submitted to the laboratory for PCB analyses. Analytical results indicated that the PCB constituent Aroclor-1254 was detected above the CAL in one soil sample (GUR-ESS015-40001 – 1.2 mg/kg).

PRA #12 Drip Hookups

Three surface soil samples (0.0-1.0 feet bgs) and six subsurface soil samples (two at 2.0-2.5 feet, two at 3.5-4.0 feet, one at 5.0-6.0 feet and one at 7.0-7.5 feet bgs) were collected and submitted to the laboratory for BTEX and PCB analyses. PAH analyses were added at the 5.0-6.0 and 7.0-7.5 feet interval samples because of elevated PID readings. Analytical results indicated that BTEX and PCB constituents were detected below the CALs. PAH constituents were detected above the CALs and background in two of the samples. Dibenzo(a,h)anthracene (0.37 J mg/kg), Indeno(1,2,3-cd)pyrene (1.1 mg/kg), Benzo(a)anthracene (4.0 mg/kg), Benzo(a)pyrene (2.7

mg/kg) and Benzo(b)fluoranthene (4.6 mg/kg) were detected at GUR-ESB024-70002 (5.0-6.0 feet bgs). Benzo(a)pyrene (0.48 mg/kg) was detected at GUR-ESB024-70003 (7.0-7.5 feet bgs).

PRA #13 Compressor Building

Six concrete chip samples and four surface wipe samples were collected and submitted to the laboratory for PCB analyses. Analytical results for the concrete chip samples indicated that the PCBs were detected above the CAL in three samples. The PCB constituent Aroclor-1254 was detected at GUR-ECH004-80001 (3 mg/kg), GUR-ECH005-80001 (4.3 mg/kg) and GUR-ECH006-80001/81001 (2.2 J mg/kg/1.7 J mg/kg). Analytical results for the wipe samples indicated that the PCB constituent Aroclor-1254 was detected at sample location GUR-EWP004-90001/91001 (52 ug/100cm² / 74 ug/100cm²). The PCB Aroclor-1254 concentration at this wipe sample location exceeds the PCB Mega Rule Standard of 10 ug/100 cm² (U.S. EPA, 1998) for areas of high occupancy.

PRA #14 Auxiliary Room

Three concrete chip samples and two oil samples from the air compressors were collected and submitted to the laboratory for PCB analyses. Analytical results indicated that PCBs were detected below the CAL in the concrete chip samples. PCB constituent Aroclor-1254 was detected in oil samples GUR-EML002-10001 (4 mg/kg) and GUR-EML003-10001/11001 (11 mg/kg / 11 mg/kg).

PRA #15 Drum Storage Area

One surface soil sample (0.0-1.0 feet bgs) was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 constituents were not detected, detected below the CALs or detected at or below background levels.

PRA #16 Scrubber

One surface soil sample (0.0-1.0 feet bgs) and two subsurface soil samples (one at 2.0-2.5 feet and one at 3.5-4.0 feet bgs) were collected and submitted to the laboratory for BTEX and PCB analyses. Analytical results for the soil samples indicated that BTEX and PCB constituents were either not detected or detected below the CALs.

PRA #17 Fin Fan

Two surface soil samples (0.0-1.0 feet bgs) were collected and submitted to the laboratory for BTEX analyses. Analytical results indicated that BTEX constituents were not detected.

PRA #18 Site Water Well

One groundwater sample was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 constituents were not detected.

PRA #19 Stressed Vegetation - North

One surface soil sample (0.0-1.0 feet bgs) was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that, with the exception of Arsenic, Table 1 constituents were either not detected or detected below the CALs. Arsenic was detected above the CAL and background in the surface soil sample GUR-ESS021-40001 (10.1 J mg/kg)

PRA #20 Stressed Vegetation - West

One surface soil sample (0.0-1.0 feet bgs) was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 constituents of concern were not detected, detected below CALs or detected below the background level.

PRA #21 Fence Lines

Four surface soil samples (0.0-1.0 feet bgs) were collected and submitted to the laboratory for BTEX and PCB analyses. Analytical results indicated that BTEX and PCB constituents were not detected.

PRA #22 Storage Building - North

One surface soil sample (0.0-1.0 feet bgs) was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 VOC and PCB constituents were not detected. PAH constituents were detected above their respective CALs and background. The PAH constituents Dibenzo(a,h)anthracene (0.96 mg/kg), Indeno(1,2,3-cd)pyrene (2.5 mg/kg), Benzo(a)anthracene (6.2 mg/kg), Benzo(a)pyrene (4.5 mg/kg) and Benzo(b)fluoranthene (4.7 mg/kg) were detected at GUR-ESS027-40001. Arsenic was also detected above the CAL and background at a concentration of 11.2 mg/kg.

PRA #23 Storage Building - West

One surface soil sample (0.0-1.0 feet bgs) was collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 VOC, PAH and PCB constituents were not detected. Table 1 Metals, with the exception of Arsenic, were either not detected or detected below the CALs. Arsenic was detected above the CAL and background at sample GUR-ESS028-40001 (14.0 mg/kg).

PRA #24 Area of Previous Soil Removal

Three surface soil samples (0.0-1.0 feet bgs) and six subsurface soil samples (three at 2.5-3.0 and three at 4.5-5.0 feet bgs) were collected and submitted to the laboratory for Table 1 analyses. Analytical results indicated that Table 1 VOC and PAH constituents were not detected. Table 1 Metals were not detected, detected below the CALs, or detected below background levels. The PCB constituent Aroclor-1254 was detected above the CAL in three soil samples. Aroclor-1254

APPENDIX D
SOIL BORING LOGS



VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB001	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 3.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS: Geoprobe					PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
	0.0-1.0'	70001	brown sandy SILT		ML
1			orangish brown silty SAND		SM
2	2.0-3.0'	70002			0.0
3					
4					
5					
6					
7					



VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB002	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 3.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	brown sandy SILT, with some organic matter	ML	0.0
1				CL	
2	2.0-3.0'	70002	orangish brown sandy silty CLAY, with sandstone fragments		0.0
3					
4					
5					
6					
7					



VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB003		COORDINATES: Not Surveyed	DATE: 5/31/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 5/31/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 3.0'	DATE COMPLETED: 5/31/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
	0.0-1.0'	70001	dark brown sandy SILT	ML	0.0
1			orangish brown silty SAND, with some sandstone fragments		
2	2.0-3.0'	70002		SM	0.0
3			orangish brown silty SAND, moist		
4					
5					
6					
7					



VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB004	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 3.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1	0.0-1.0'	70001	orangish brown sandy SILT, with some sandstone fragments	ML	0.0
2	2.0-3.0'	70002			0.0
3					
4					
5					
6					
7					



VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB005	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 3.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS: Geoprobe					PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
	0.0-1.0'	70001	brown sandy SILT, with some organic material		ML
1			orangish brown silty CLAY		CL
2	2.0-3.0'	70002	orangish brown to grayish brown sandy SILT, with sandstone fragments		ML
3					
4					
5					
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: Background

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:	PROJECT NAME: Guernsey					
BORING NUMBER:	SS001	COORDINATES: Not Surveyed	DATE: 5/30/00			
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A	DATE STARTED: 5/30/00			
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 1.0'	DATE COMPLETED: 5/30/00			
DRILLING METHODS:	Hand Auger					
PAGE: 1 of 1						
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
	0.0-1.0	40001	brown clayey SILT, with some fine gravel	ML		
1			orangish brown silty CLAY	CL		
2						
3						
4						
5						
6						
7						



IT CORPORATION
A Member of The IT Group

PRA: Background

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey				
BORING NUMBER:	SS002	COORDINATES: Not Surveyed	DATE: 5/30/00			
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A	DATE STARTED: 5/30/00			
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 1.0'	DATE COMPLETED: 5/30/00			
DRILLING METHODS: Hand Auger		PAGE: 1 of 1				
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
	0.0-1.0	40001	brown clayey SILT, with some fine gravel	ML		
1			orangish brown silty CLAY	CL		
2						
3						
4						
5						
6						
7						



IT CORPORATION
A Member of The IT Group

PRA: Background

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:	PROJECT NAME: Guernsey					
BORING NUMBER:	SS003	COORDINATES: Not Surveyed				
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A				
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 1.0'				
DRILLING METHODS:	Hand Auger					
PAGE: 1 of 1						
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
1	0.0-1.0	40001	orangish brown clayey SILT	ML		
2						
3						
4						
5						
6						
7						



IT CORPORATION

A Member of The IT Group

PRA: Background

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey				
BORING NUMBER:	SS004	COORDINATES: Not Surveyed	DATE: 5/30/00			
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A	DATE STARTED: 5/30/00			
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 1.0'	DATE COMPLETED: 5/30/00			
DRILLING METHODS: Hand Auger		PAGE: 1 of 1				
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
1	0.0-1.0	40001	orangish brown clayey SILT, with some organic matter	ML		
2						
3						
4						
5						
6						
7						



IT CORPORATION
A Member of The IT Group

PRA: Background

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:	PROJECT NAME: Guernsey					
BORING NUMBER:	SS005	COORDINATES: Not Surveyed				
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A				
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'				
DRILLING METHODS:	Hand Auger					
PAGE: 1 of 1						
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
1	0.0-1.0	40001	light brown sandy SILT, moist	ML		
2						
3						
4						
5						
6						
7						

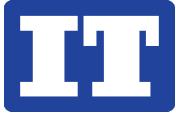


PRA: Random PCB

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS006	COORDINATES: Not Surveyed		DATE: 5/30/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/30/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 5/30/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
	0.0-0.5	40001	light brown clayey SILT, moist		ML
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: Random PCB

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:	PROJECT NAME: Gurensey					
BORING NUMBER:	SS007	COORDINATES: Not Surveyed				
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A				
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 0.5'				
DRILLING METHODS:	Hand Auger					
PAGE: 1 of 1						
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
1	0.0-0.5	40001	light brown clayey SILT, moist	ML		
2						
3						
4						
5						
6						
7						



IT CORPORATION
A Member of The IT Group

PRA: Random PCB

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS008	COORDINATES: Not Surveyed		DATE: 5/30/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/30/00
ENGINEER/GEOLOGIST: (b) (4) in			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 5/30/00
DRILLING METHODS: Hand (b)					PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			gravel	ML	
	0.0-0.5'	40001	light brown clayey SILT, moist		
1					
2					
3					
4					
5					
6					
7					



PRA: Random PCB

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS029	COORDINATES: Not Surveyed		DATE: 5/30/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/30/00
ENGINEER/GEOLOGIST: M(b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 5/30/00
DRILLING METHODS: Hand Auger					PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
	0.0-0.5	40001	light brown clayey SILT, moist		ML
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: #1

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB006	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST:		(b) (4)	TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	brown sandy SILT	ML	0.0
1				SM	
2	2.0-2.5'	70002	orangish brown silty SAND, with some sandstone fragments		0.0
3					
4	3.5-4.0'	70003			0.0
5					
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: #2

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB007		COORDINATES: Not Surveyed	DATE: 5/31/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 5/31/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 4.0'	DATE COMPLETED: 5/31/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
			gravel		
	0.0-1.0'	70001	orangish brown clayey SILT	ML	0.0
1			orangish brown clayey SILT, with sandstone fragments, moist		
2	2.0-2.5'	70002			0.0
3			sandstone		
			orangish brown sandy silty CLAY, with sandstone fragments	CL	0.0
4					
5					
6					
7					

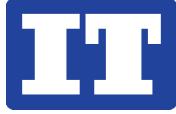


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PRA: #3

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB008		COORDINATES: Not Surveyed	DATE: 5/31/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 5/31/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 4.0'	DATE COMPLETED: 5/31/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			gravel		
	0.0-1.0'	70001	orangish brown sandy SILT	ML	0.0
1					
2	2.0-2.5'	70002			0.0
3					
4	3.5-4.0'	70003			0.0
5					
6					
7					



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PRA: #4

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS009	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			gravel		
1	0.0-0.5'	40001	light brown silty CLAY, moist	CL	
2					
3					
4					
5					
6					
7					



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PRA: #4

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS010	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			gravel	CL	
	0.0-0.5'	40001	light brown silty CLAY, moist		
1					
2					
3					
4					
5					
6					
7					



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PRA: #5

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB009	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST:		(b) (4)	TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1	0.0-1.0'	70001	brown sandy SILT	ML	0.0
2	2.0-2.5'	70002	orangish brown silty SAND, with sandstone fragments	SM	0.0
3	3.5-4.0'	70003			0.0
4					
5					
6					
7					



IT CORPORATION
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PRA: #6

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB010	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
1	0.0-1.0'	70001	dark brown sandy SILT	ML	0.0
2	2.0-2.5'	70002	orangish brown sandy SILT, with sandstone fragments damp		0.0
3			orangish brown sandy SILT		0.0
4	3.5-4.0'	70003			
5					
6					
7					



IT CORPORATION
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PRA: #7

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB011	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 8.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
			asphalt and gravel		
1			brown sandy SILT		ML
2			orangish brown sandy SILT, with sandstone fragments		
3					
4					
5	5.0-6.0'	70001	yellowish brown sandy SILT, with sandstone fragments		0.0
6					
7					
8					



IT CORPORATION
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PRA: #7

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB012	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 8.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hn _u data (ppm)
1			pea gravel		
2			orangish brown sandy SILT, with some sandstone fragments	ML	
3					
4					
5	5.0-6.0'	70001	light grayish brown sandy SILT		0.0
6			light gray to orangish brown sandy SILT		
7					
8					



IT CORPORATION
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PRA: #8

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB013		COORDINATES: Not Surveyed	DATE: 5/31/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 5/31/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 8.0'	DATE COMPLETED: 5/31/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			brown sandy SILT	ML	
1	1.0-2.0'	70001	grayish brown sandy SILT		315.0
2			orangish brown silty SAND, with sandstone fragments	SM	
3					
4			yellowish brown silty SAND, with sandstone fragments		
5					
6					
7					
8					



PRA: #8

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB014	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 6.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
1			orangish brown sandy SILT		ML
2					
3					
4			yellowish brown sandy SILT, with sandstone fragments		
5	5.0-6.0'	70001	orangish brown sandy SILT, with sandstone fragments		0.0
6					
7			6.5' refusal shale		
8					



IT CORPORATION
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PRA: #9

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB015	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
			brown sandy SILT		ML
1			orangish brown sandy SILT, soft		
2			orangish brown sandy SILT, firm		
3					
4	3.5-4.0'	70001			0.0
5					
6					
7					

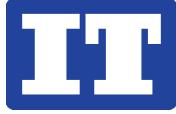


IT CORPORATION
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PRA: #9

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB016	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: M(b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS: Geoprobe			PAGE: 1 of 1		
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1			orangish brown to yellowish brown silty CLAY	CL	
2					
3					
3.5-4.0'	70001		orangish brown to yellowish brown sandy SILT, with sandstone fragments	ML	0.0
4					
5					
6					
7					



IT CORPORATION
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PRA: #9

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB017	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
1			orangish brown silty CLAY	CL	
2				ML	
3			orangish brown to yellowish brown sandy SILT, with sandstone fragments		0.0
4	3.5-4.0'	70001			
5					
6					
7					

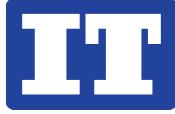


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PRA: #9

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB018	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1			brown to orangish brown sandy silty clay, soft	CL	
2					
3					
3.5-4.0'	70001		orangish brown sandy SILT, with sandstone fragments, firm	ML	0.0
4					
5					
6					
7					



IT CORPORATION
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PRA: #9

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB019	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
1			brown silty CLAY	CL	
2				ML	
3			orangish brown to yellowish brown sandy SILT, with sandstone fragments		0.0
4	3.5-4.0'	70001			
5					
6					
7					



IT CORPORATION
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PRA: #10

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB020	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 7.5'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
			brown sandy SILT		ML
			sandy GRAVEL, wet		GP
1					
2					
3					
4					
5					
6					
7	6.5-7.5'	70001			0.0
8			refusal concrete		

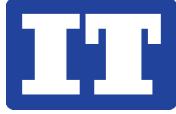


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PRA: #10

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB021	COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 6.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1			brown sandy SILT	ML	
2					
3			Orangish brown sandy SILT, sandstone fragments		
4					
5	5.0-6.0'	70001	yellowish brown sandy SILT, sandstone fragments		0.0
6					
7					
8					



IT CORPORATION
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PRA: #10

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	brown clayey SILT, trace gravel, moist	ML
1				
2				
3				
4				
5				
6				
7				
8				



IT CORPORATION
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PRA: #10

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 5/31/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 5/31/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 5/31/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	brown clayey SILT, quartz gravel, wet	ML
1				
2				
3				
4				
5				
6				
7				
8				



PRA: #11

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS013	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION		USCS SYMBOL
	0.0-0.5	40001	dark brown sandy SILT, moist		ML
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
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PRA: #11

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:	PROJECT NAME: Gurensay					
BORING NUMBER:	SS014	COORDINATES: Not Surveyed				
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A				
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 0.5'				
DRILLING METHODS:	Hand Auger					
PAGE: 1 of 1						
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
	0.0-0.5	40001	light brown SILT and fine GRAVEL	GM		
1						
2						
3						
4						
5						
6						
7						



IT CORPORATION
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PRA: #11

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Gurensay				
BORING NUMBER: SS015		COORDINATES: Not Surveyed				
ELEVATION: N/A		GROUNDWATER LEVEL: N/A				
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 0.5'				
DRILLING METHODS: Hand Auger		PAGE: 1 of 1				
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
	0.0-0.5	40001	light brown SILT and FINE GRAVEL	GM		
1						
2						
3						
4						
5						
6						
7						



IT CORPORATION
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PRA: #11

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS016	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			0.3' gravel	ML	
	0.0-0.5'	40001	light brown clayey SILT, moist		
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: #11

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Gurensey		
BORING NUMBER:		SS017	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 0.5'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
			0.2' gravel	ML	
	0.0-0.5'	40001	light brown clayey SILT, moist		
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
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PRA: #12

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB022	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST:		(b) (4)	TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
1	0.0-1.0'	70001	brown sandy SILT	ML	0.0
2	2.0-2.5'	70002	orangish brown sandy SILT, with some sandstone fragments		0.0
3	3.5-4.0'	70003			0.0
4					
5					
6					
7					



PRA: #12

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB023	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
1	0.0-1.0'	70001	orangish brown sandy SILT, moist	ML	0.0
2	2.0-2.5'	70002	gray sandy SILT, moist		0.0
3			orangish brown sandy SILT, firm		0.0
4	3.5-4.0'	70003			
5					
6					
7					

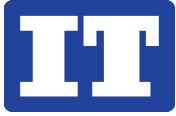


IT CORPORATION
A Member of The IT Group

PRA: #12

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB024	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 7.5'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)
	0.0-1.0'	70001	orangish brown sandy SILT, moist	ML	360.0
1			gray fine SAND	SP	
2			medium size gravel		
3			railroad tie		
4			orangish brown sandy SILT	ML	
5	5.0-6.0'	70002	orangish brown to gray sandy SILT, with medium gravel		128.0
6					
7	7.0-7.5'	70003	refusal at 7.5', bedrock		185.0



IT CORPORATION
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PRA: #15

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey				
BORING NUMBER:	SS018	COORDINATES: Not Surveyed	DATE: 6/1/00			
ELEVATION:	N/A	GROUNDWATER LEVEL: N/A	DATE STARTED: 6/1/00			
ENGINEER/GEOLOGIST:	(b) (4)	TOTAL BORING DEPTH: 1.0'	DATE COMPLETED: 6/1/00			
DRILLING METHODS: Hand Auger		PAGE: 1 of 1				
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	HNu data (ppm)	Remarks
	0.0-1.0'	40001	dark brown sandy SILT	ML	0.0	
1						
2						
3						
4						
5						
6						
7						



IT CORPORATION
A Member of The IT Group

PRA: #16

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB025	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST:		(b) (4)	TOTAL BORING DEPTH: 4.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	0.3' gravel on top dark gray sandy SILT, moist	ML	776.0
1			orangish brown sandy SILT, firm		
2	2.0-2.5'	70002			41.7
3					
	3.5-4.0'	70003			9.6
4					
5					
6					
7					



PRA: #17

IT CORPORATION
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VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	light brown silty CLAY, moist	CL
1				
2				
3				
4				
5				
6				
7				



PRA: #17

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS020	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	40001	light brown silty CLAY, moist	CL	0.0
1					
2					
3					
4					
5					
6					
7					



PRA: #19

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS021	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	40001	light brown silty SAND	SM	0.0
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
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PRA: #20

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	light brown silty CLAY	CL
1				
2				
3				
4				
5				
6				
7				



IT CORPORATION
A Member of The IT Group

PRA: #21

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS023	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	40001	light brown clayey SILT	ML	0.0
1					
2					
3					
4					
5					
6					
7					



PRA: #21

IT CORPORATION
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VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	light brown clayey SILT	ML
1				
2				
3				
4				
5				
6				
7				

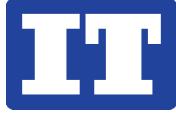


PRA: #21

VISUAL CLASSIFICATION OF SOILS

A Member of The IT Group

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS025	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	40001	light brown clayey SILT	ML	0.0
1					
2					
3					
4					
5					
6					
7					



IT CORPORATION
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PRA: #21

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	light brown clayey SILT	ML
1				
2				
3				
4				
5				
6				
7				



IT CORPORATION
A Member of The IT Group

PRA: #22

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	light brown clayey SILT	ML
1				
2				
3				
4				
5				
6				
7				



IT CORPORATION
A Member of The IT Group

PRA: #23

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:		PROJECT NAME: Guernsey		
BORING NUMBER:		COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)		TOTAL BORING DEPTH: 1.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger		PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL
	0.0-1.0'	40001	orangish brown silty CLAY	CL
1				
2				
3				
4				
5				
6				
7				



IT CORPORATION
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PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB026	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 6.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	brown sandy silty CLAY	CL	0.0
1			orangish brown sandy SILT with sandstone fragments	ML	
2					0.0
3	2.5-3.0'	70002			
4			yellowish brown fine SAND	SP	0.0
5	4.5-5.0'	70003			
6					
7					

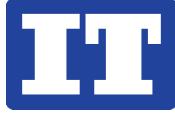


IT CORPORATION
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PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB027		COORDINATES: Not Surveyed	DATE: 6/1/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 6/1/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 6.0'	DATE COMPLETED: 6/1/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	yellow to light grayish brown sandy SILT, with trace gravel	ML	0.0
1			yellowish brown fine SAND	SP	
2			orangish brown fine SAND, with some sandstone fragments		0.0
3	2.5-3.0'	70002			0.0
4					
5	4.5-5.0'	70003			
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB028		COORDINATES: Not Surveyed	DATE: 6/1/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 6/1/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 6.0'	DATE COMPLETED: 6/1/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1	0.0-1.0'	70001	grayish brown sandy SILT	ML	0.0
2			orangish brown sandy SILT, moist		
3	2.5-3.0'	70002			0.0
4			yellowish brown fine SAND, with some sandstone fragments	SP	
5	4.5-5.0'	70003			0.0
6			refusal at 5.0', sandstone		
7					



IT CORPORATION
A Member of The IT Group

PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SB026	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 6.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Geoprobe			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	brown sandy silty CLAY	CL	0.0
1			orangish brown sandy SILT with sandstone fragments	ML	
2					0.0
3	2.5-3.0'	70002			
4			yellowish brown fine SAND	SP	0.0
5	4.5-5.0'	70003			
6					
7					

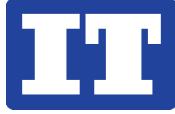


IT CORPORATION
A Member of The IT Group

PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB027		COORDINATES: Not Surveyed	DATE: 6/1/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 6/1/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 6.0'	DATE COMPLETED: 6/1/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
	0.0-1.0'	70001	yellow to light grayish brown sandy SILT, with trace gravel	ML	0.0
1			yellowish brown fine SAND	SP	
2			orangish brown fine SAND, with some sandstone fragments		0.0
3	2.5-3.0'	70002			0.0
4					
5	4.5-5.0'	70003			
6					
7					



IT CORPORATION
A Member of The IT Group

PRA: #24

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:	SB028		COORDINATES: Not Surveyed	DATE: 6/1/00	
ELEVATION:	N/A		GROUNDWATER LEVEL: N/A	DATE STARTED: 6/1/00	
ENGINEER/GEOLOGIST:	(b) (4)		TOTAL BORING DEPTH: 6.0'	DATE COMPLETED: 6/1/00	
DRILLING METHODS:	Geoprobe			PAGE: 1 of 1	
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1	0.0-1.0'	70001	grayish brown sandy SILT	ML	0.0
2			orangish brown sandy SILT, moist		
3	2.5-3.0'	70002			0.0
4			yellowish brown fine SAND, with some sandstone fragments	SP	
5	4.5-5.0'	70003			0.0
6			refusal at 5.0', sandstone		
7					



IT CORPORATION
A Member of The IT Group

PRA: #25

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER:			PROJECT NAME: Guernsey		
BORING NUMBER:		SS029	COORDINATES: Not Surveyed		DATE: 6/1/00
ELEVATION:		N/A	GROUNDWATER LEVEL: N/A		DATE STARTED: 6/1/00
ENGINEER/GEOLOGIST: (b) (4)			TOTAL BORING DEPTH: 2.0'		DATE COMPLETED: 6/1/00
DRILLING METHODS:		Hand Auger			PAGE: 1 of 1
DEPTH (ft)	SAMPLE INTERVAL	SAMPLE NUMBER	DESCRIPTION	USCS SYMBOL	Hnu data (ppm)
1	1.0-2.0'	70001	orangish brown silty CLAY	CL	0.0
2					
3					
4					
5					
6					
7					

APPENDIX I
SITE BACKGROUND CALCULATIONS

ARSENIC BACKGROUND LEVEL WORKSHEET
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

BACKGROUND SAMPLES	ARSENIC (mg/kg)	
GUR- ESB001-70001	1.15	U
GUR- ESB001-70002	1.15	U
GUR- ESB002-70001	6.2	
GUR- ESB002-70002	1.2	U
GUR- ESB003-70001	1.15	U
GUR- ESB003-70002	1.15	U
GUR- ESB004-70001	9.4	
GUR- ESB004-70002	1.25	U
GUR- ESB005-70001	5.3	
GUR- ESB005-70002	3.5	
GUR- ESS001-40001	5.9	
GUR- ESS002-40001	8.0	
GUR- ESS003-40001	5.9	
GUR- ESS004-40001	6.5	
GUR- ESS005-40001	3.9	
Average Concentration	4.11	X 2 =
		8.22

Calculated background concentration - **8.22 mg/kg**
Maximum detected concentration - **9.40 mg/kg**

SELECTED SITE BACKGROUND LEVEL . **9.40 mg/kg**

Notes:

Based on Data Collection and Evaluation Human Health and Risk Assessment Bulletin No.2, Supplemental Guidance to Risk Assessment Guidance to Superfund. Office of Technical Services, USEPA Region IV, October, 1996.

According to USEPA, Region IV, two times the average background concentration or the maximum background concentration may be used as site background concentration

U - Reported as non-detected by the laboratory. Value listed is 1/2 the sample detection limit.

BARIUM BACKGROUND LEVEL WORKSHEET
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

BACKGROUND SAMPLES	BARIUM (mg/kg)
GUR- ESB001-70001	30.1
GUR- ESB001-70002	29.6
GUR- ESB002-70001	98.3
GUR- ESB002-70002	56.1
GUR- ESB003-70001	71.1
GUR- ESB003-70002	43.7
GUR- ESB004-70001	90.2
GUR- ESB004-70002	54.0
GUR- ESB005-70001	125
GUR- ESB005-70002	42.1
GUR- ESS001-40001	96.5
GUR- ESS002-40001	149
GUR- ESS003-40001	145
GUR- ESS004-40001	102
GUR- ESS005-40001	68.1
Average Concentration	80.05
	X 2 =
	160.11

Calculated background concentration - 160.11 mg/kg
Maximum detected concentration - 149.00 mg/kg

SELECTED SITE BACKGROUND LEVEL . 160.11 mg/kg

Notes:

Based on Data Collection and Evaluation Human Health and Risk Assessment Bulletin No.2, Supplemental Guidance to Risk Assessment Guidance to Superfund. Office of Technical Services, USEPA Region IV, October, 1996.

According to USEPA, Region IV, two times the average background concentration or the maximum background concentration may be used as site background concentration

U - Reported as non-detected by the laboratory. Value listed is 1/2 the sample detection limit.

BERYLLIUM BACKGROUND LEVEL WORKSHEET
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

BACKGROUND SAMPLES	BERYLLIUM (mg/kg)
GUR- ESB001-70001	2.3
GUR- ESB001-70002	3.3
GUR- ESB002-70001	5.5
GUR- ESB002-70002	9.2
GUR- ESB003-70001	3.0
GUR- ESB003-70002	4.5
GUR- ESB004-70001	6.6
GUR- ESB004-70002	4.9
GUR- ESB005-70001	4.3
GUR- ESB005-70002	5.3
GUR- ESS001-40001	4.1
GUR- ESS002-40001	5.2
GUR- ESS003-40001	6.5
GUR- ESS004-40001	8.4
GUR- ESS005-40001	4.3
Average Concentration	5.16
	X 2 =
	10.32

Calculated background concentration - 10.32 mg/kg
Maximum detected concentration - 9.20 mg/kg

SELECTED SITE BACKGROUND LEVEL . 10.32 mg/kg

Notes:

Based on Data Collection and Evaluation Human Health and Risk Assessment Bulletin No.2, Supplemental Guidance to Risk Assessment Guidance to Superfund. Office of Technical Services, USEPA Region IV, October, 1996.

According to USEPA, Region IV, two times the average background concentration or the maximum background concentration may be used as site background concentration

U - Reported as non-detected by the laboratory. Value listed is 1/2 the sample detection limit.

CHROMIUM BACKGROUND LEVEL WORKSHEET
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

BACKGROUND SAMPLES	CHROMIUM (mg/kg)
GUR- ESB001-70001	9.0
GUR- ESB001-70002	10.0
GUR- ESB002-70001	16.5
GUR- ESB002-70002	18.8
GUR- ESB003-70001	9.5
GUR- ESB003-70002	9.2
GUR- ESB004-70001	20.3
GUR- ESB004-70002	14.8
GUR- ESB005-70001	12.1
GUR- ESB005-70002	17.6
GUR- ESS001-40001	12.8
GUR- ESS002-40001	16.6
GUR- ESS003-40001	19.7
GUR- ESS004-40001	23.6
GUR- ESS005-40001	13.5
Average Concentration	14.93
	X 2 =
	29.87

Calculated background concentration - 29.87 mg/kg
Maximum detected concentration - 23.60 mg/kg

SELECTED SITE BACKGROUND LEVEL . 29.87 mg/kg

Notes:

Based on Data Collection and Evaluation Human Health and Risk Assessment Bulletin No.2, Supplemental Guidance to Risk Assessment Guidance to Superfund. Office of Technical Services, USEPA Region IV, October, 1996.

According to USEPA, Region IV, two times the average background concentration or the maximum background concentration may be used as site background concentration

U - Reported as non-detected by the laboratory. Value listed is 1/2 the sample detection limit.

NICKEL BACKGROUND LEVEL WORKSHEET
GUERNSEY COMPRESSOR STATION
GUERNSEY COUNTY, OHIO

BACKGROUND SAMPLES	NICKEL (mg/kg)	
GUR- ESB001-70001	5.7	U
GUR- ESB001-70002	13.3	
GUR- ESB002-70001	18.1	
GUR- ESB002-70002	24.7	
GUR- ESB003-70001	11.9	
GUR- ESB003-70002	14.3	
GUR- ESB004-70001	19	
GUR- ESB004-70002	12.6	
GUR- ESB005-70001	6.25	U
GUR- ESB005-70002	14.3	
GUR- ESS001-40001	12.3	
GUR- ESS002-40001	20.2	
GUR- ESS003-40001	21.1	
GUR- ESS004-40001	19.3	
GUR- ESS005-40001	6.4	U
Average Concentration	14.63	X 2 =
		29.26

Calculated background concentration - 29.26 mg/kg
Maximum detected concentration - 24.70 mg/kg

SELECTED SITE BACKGROUND LEVEL . 29.26 mg/kg

Notes:

Based on Data Collection and Evaluation Human Health and Risk Assessment Bulletin No.2, Supplemental Guidance to Risk Assessment Guidance to Superfund. Office of Technical Services, USEPA Region IV, October, 1996.

According to USEPA, Region IV, two times the average background concentration or the maximum background concentration may be used as site background concentration

U - Reported as non-detected by the laboratory. Value listed is 1/2 the sample detection limit.